

Converting Colors

YUV(236.5580, -16.5441,
-13.6444)

Have a look what the booklet for
YUV(236.5580, -16.5441, -13.6444)
contains.

YUV(236.5580, -16.5441, -13.6444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(236.5580, -16.5441,
-13.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFBCB
RGB	221, 251, 203
RGB Percent	87%, 98%, 80%
CMY	0.1333, 0.0157, 0.2039
CMYK	0.12, 0.00, 0.19, 0.02
HSL	97°, 86%, 89%
HSV	97°, 19%, 98%
XYZ	75.0955, 88.6783, 69.6586
YIQ	236.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

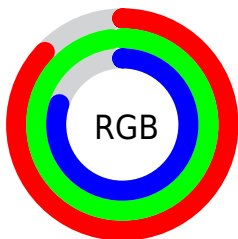
Format	Color
R_{YB}	203, 251, 233
Decimal	14547915
CIE _{Lab}	95.45, -18.14, 19.82
CIE _{LCh}	95, 26.862, 132.467
Yxy	88.6783, 0.3217, 0.3799
Android (android.graphics.Color)	4292737995 (0xFFDDFBCB)
YUV	236.5580, -16.5441, -13.6444
Hunter-Lab	94.1692, -22.4507, 22.0606

Details

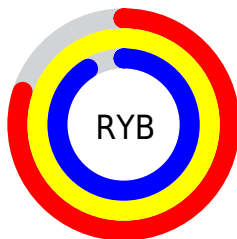
The YUV color $236.5580, -16.5441, -13.6444$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $217.4420, 16.5441, 13.6444$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4980, -15.5285, -12.7147$ is the 20% darker color. If you saturate the color by 10%, you get $228.9240, -25.1055, -20.9813$, and if you desaturate by 10%, it is $244.1920, -7.9827, -6.3074$.

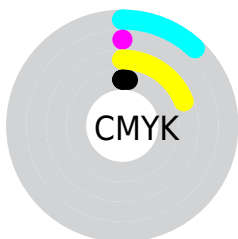
Distribution



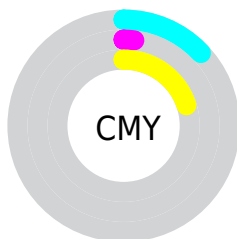
- Red (87%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.5580, -16.5441, -13.6444 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 236.5580, -16.5441, -13.6444 by changing the saturation by 10% instead.

■ 236.5580,
-16.5441, -13.6444

■ 236.5580,
-16.5441, -13.6444

255.0000, 0.0000,
0.0000

■ 207.9710,
-16.2547, -13.1296

■ 180.4980,
-15.5285, -12.7147

■ 153.6120,
-15.0917, -12.8147

■ 127.7260,
-14.6549, -12.9147

■ 102.2530,
-13.9287, -12.4999

■ 77.7800, -13.2025,
-12.0851

■ 54.8940, -12.7657,

-12.1850

■ 32.3780, -13.4974,
-10.8555

■ 15.2620, -7.5242,
-13.3848

■ 236.5580,
-16.5441, -13.6444

■ 236.5580,
-16.5441, -13.6444

■ 228.9240,
-25.1055, -20.9813

■ 244.1920, -7.9827,
-6.3074

■ 221.5890,
-33.8144, -27.7036

■ 251.5270, 0.7262,
0.4148

■ 213.9550,
-42.3758, -35.0405

■ 252.6520, 1.1576,
2.0592

■ 206.3210,
-50.9373, -42.3775

■ 198.9860,
-59.6461, -49.0997

■ 191.2380,
-68.6443, -56.3367

■ 183.6040,
-77.2058, -63.6737

■ 176.2690,
-85.9146, -70.3959

■ 175.4430,
-86.4934, -71.4255

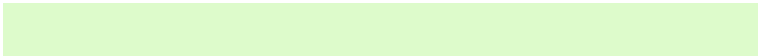
Harmonies

Analogous

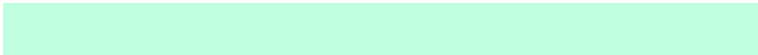
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.0510, -24.1821, 9.6023



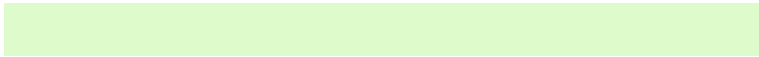
236.5580, -16.5441, -13.6444



233.0420, -3.9647, -35.1168

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.5580, -16.5441, -13.6444



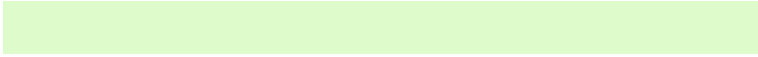
232.9400, 10.8756, -35.0274



234.1810, -1.0752, 18.2583

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



236.5580, -16.5441, -13.6444



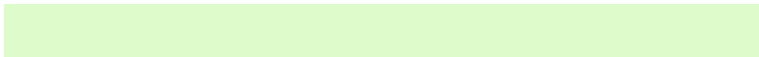
217.4420, 16.5441, 13.6444

Split Complementary

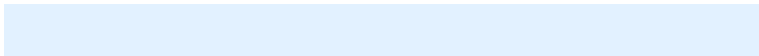
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



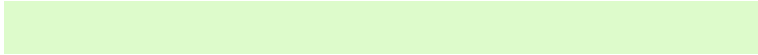
236.5580, -16.5441, -13.6444



238.1110, 8.3263, -10.6213

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



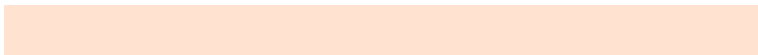
236.5580, -16.5441, -13.6444



230.1830, 12.2348, -51.0265



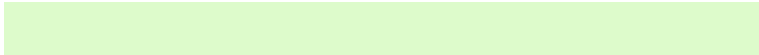
241.4990, 6.6560, 11.8404



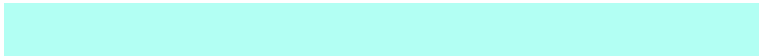
233.2060, -12.4266, 19.1133

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.5580, -16.5441, -13.6444



230.6090, 6.1088, -46.1381



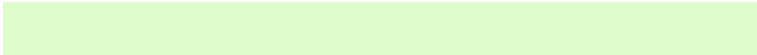
241.4990, 6.6560, 11.8404



234.6200, 3.1453, 17.8733

Sweetspot

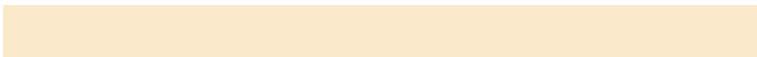
The Sweet Spot groups the original color and five complimentary colors.



236.5580, -16.5441, -13.6444



250.3000, -5.0779, -4.6481



234.9620, -15.7573, 14.0653



125.1800, -3.0467, -2.7889



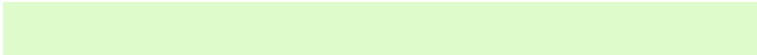
0.0000, 0.0000, 0.0000



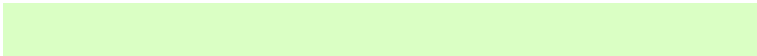
128.0000, 0.0000, 0.0000

Same Dimension

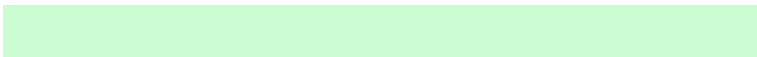
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.5580, -16.5441, -13.6444



237.2110, -20.3170, -16.8480



231.8600, -11.2700, -25.3102



121.1260, -4.4991, -3.6185



132.1720, -65.1608, -53.6478



42.6840, -21.0432, -17.2629

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



217.4420, 16.5441, 13.6444



213.7890, 20.3170, 16.8480



222.1400, 11.2700, 25.3102



115.8740, 4.4991, 3.6185



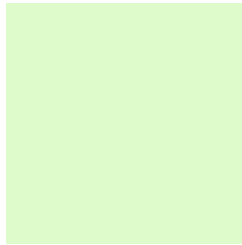
56.8280, 65.1608, 53.6478



18.3160, 21.0432, 17.2629

Previews

White Background



This preview shows how the YUV color 236.5580, -16.5441, -13.6444 looks on a white background.

Color Contrast Check

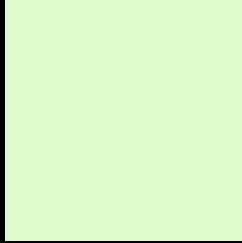
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 236.5580, -16.5441, -13.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

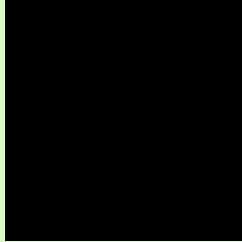
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

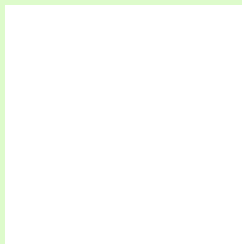
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.5580, -16.5441, -13.6444 Background



This preview shows how black text looks on a background with the YUV color 236.5580, -16.5441, -13.6444.



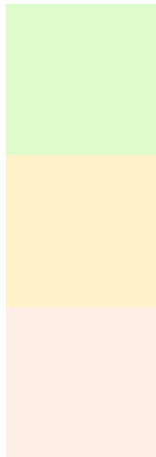
This preview shows how white text looks on a background with the YUV color 236.5580, -16.5441, -13.6444.

-13.6444.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

236.5580, -16.5441, -13.6444

Protanopia

240.5120, -19.9724, 12.7060

Deuteranopia

242.1710, -6.0003, 11.2510

Tritanopia

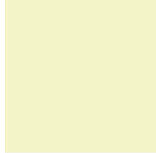
241.0900, 6.8576, -6.2179

Trichromacy



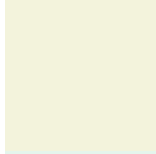
Original Color

236.5580, -16.5441, -13.6444



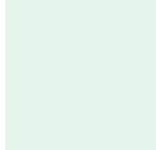
Protanomaly

239.3860, -18.9243, 3.1695



Deuteranomaly

240.3780, -10.0464, 2.2995



Tritanomaly

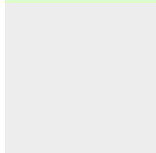
239.1900, -1.5727, -8.9366

Monochromacy



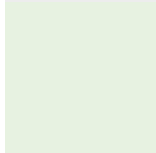
Original Color

236.5580, -16.5441, -13.6444



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

236.7730, -5.8041, -5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.5580, -16.5441, -13.6444 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 251, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 251, 203) }
```

Border

The CSS property to change the border of an element to YUV 236.5580, -16.5441, -13.6444 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 251, 203) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 251, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 251, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 251,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 236.5580, -16.5441, -13.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 251, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
251, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor