

Converting Colors

YUV(206.2480, -16.3913,
-16.0035)

Have a look what the booklet for
YUV(206.2480, -16.3913, -16.0035)
contains.

YUV(206.2480, -16.3913, -16.0035)	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(206.2480, -16.3913,
-16.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDEAD
RGB	188, 222, 173
RGB Percent	74%, 87%, 68%
CMY	0.2627, 0.1294, 0.3216
CMYK	0.15, 0.00, 0.22, 0.13
HSL	102°, 43%, 77%
HSV	102°, 22%, 87%
XYZ	54.4031, 65.9510, 49.3976
YIQ	206.2480, -4.5350, -22.4470

Conversions

Conversions Part 2

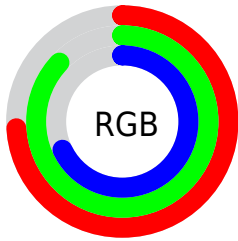
Format	Color
RYB	173, 222, 207
Decimal	12377773
CIELab	84.97, -20.08, 20.41
CIELCh	85, 28.631, 134.529
Yxy	65.9510, 0.3205, 0.3885
Android (android.graphics.Color)	4290567853 (0xFFBCDEAD)
YUV	206.2480, -16.3913, -16.0035
Hunter-Lab	81.2103, -22.5399, 20.7829

Details

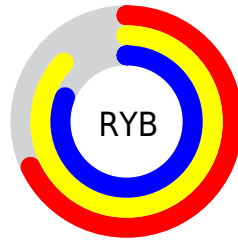
The YUV color $206.2480, -16.3913, -16.0035$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $188.7520, 16.3913, 16.0035$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0460, -9.8827, -3.5483$, and $151.7750, -15.6651, -15.5887$ is the 20% darker color. If you saturate the color by 10%, you get $199.2550, -23.7897, -23.0256$, and if you desaturate by 10%, it is $213.2410, -8.9928, -8.9814$.

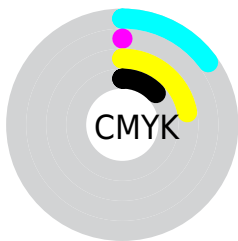
Distribution



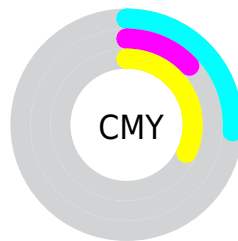
- Red (74%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (81%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2480, -16.3913, -16.0035 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 206.2480, -16.3913, -16.0035 by changing the saturation by 10% instead.

■ 206.2480,
-16.3913, -16.0035

■ 206.2480,
-16.3913, -16.0035

255.0000, 0.0000,
0.0000

■ 178.6610,
-16.1019, -15.4887

■ 249.0460, -9.8827,
-3.5483

■ 151.7750,
-15.6651, -15.5887

■ 125.6010,
-15.0863, -14.5591

■ 100.7150,
-14.6495, -14.6591

■ 76.3560, -13.4865,
-14.3442

■ 52.8830, -12.7603,
-13.9294

■ 30.5410, -14.0707,

-13.6295

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 206.2480,
-16.3913, -16.0035

■ 206.2480,
-16.3913, -16.0035

■ 199.2550,
-23.7897, -23.0256

■ 213.2410, -8.9928,
-8.9814

■ 191.9630,
-31.0408, -30.6626

■ 220.5330, -1.7418,
-1.3444

■ 184.8560,
-38.8760, -37.5847

■ 227.6400, 6.0935,
5.5777

■ 177.5640,
-46.1271, -45.2216

■ 234.1340, 10.2869,
13.9145

■ 170.5710,
-53.5255, -52.2438

■ 235.6290, 9.5499,
16.9884

■ 163.5780,
-60.9240, -59.2659

■ 156.2860,
-68.1750, -66.9028

■ 150.6460,
-74.2685, -72.4805

Harmonies

Analogous

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



209.9260, -24.6135, 7.9579



206.2480, -16.3913, -16.0035



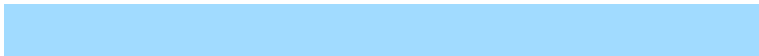
202.3620, -2.6435, -38.9055

Triad

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



206.2480, -16.3913, -16.0035



205.7620, 24.2743, -39.2563



212.3360, -6.0816, 37.4163

Complementary

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



206.2480, -16.3913, -16.0035



188.7520, 16.3913, 16.0035

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.



216.0010, 5.4225, 34.2021



206.2480, -16.3913, -16.0035



211.5420, 21.4248, -11.8763

Square

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



206.2480, -16.3913, -16.0035



201.4240, 23.4550, -56.4998



216.2680, 17.1229, 14.6740



211.8340, -18.1592, 37.8566

Rectangle

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



206.2480, -16.3913, -16.0035



200.8040, 6.9986, -51.5711



216.2680, 17.1229, 14.6740



213.3620, -2.1505, 36.5165

Sweetspot

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



206.2480, -16.3913, -16.0035



249.3600, -6.0935, -5.5777



207.0220, -16.7728, 13.1357



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



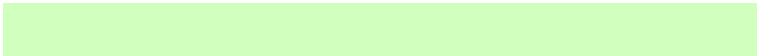
128.0000, 0.0000, 0.0000

Same Dimension

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



206.2480, -16.3913, -16.0035



233.7220, -22.0479, -21.6812



202.7890, -10.2490, -26.1250



108.3540, -3.6255, -3.8185



119.4580, -58.8928, -57.4067



32.6610, -16.1019, -15.4887

Inverse Universe

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



188.7520, 16.3913, 16.0035



210.2780, 22.0479, 21.6812



192.2110, 10.2490, 26.1250



104.6460, 3.6255, 3.8185



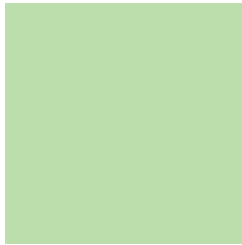
56.5420, 58.8928, 57.4067



15.6380, 15.9545, 16.1035

Previews

White Background



This preview shows how the YUV color 206.2480, -16.3913, -16.0035 looks on a white background.

Color Contrast Check

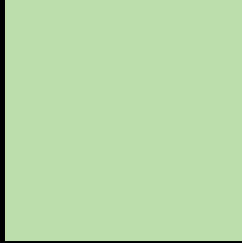
Large Text (above 18pt) WCAG AA × Fail

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 206.2480, -16.3913, -16.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

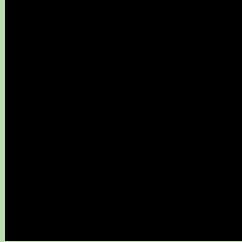
Any Text WCAG AA ✓ Pass

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 206.2480, -16.3913, -16.0035 Background



This preview shows how black text looks on a background with the YUV color 206.2480, -16.3913, -16.0035.



This preview shows how white text looks on a background with the YUV color 206.2480, -16.3913, -16.0035.

-16.0035.

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

206.2480, -16.3913, -16.0035

Protanopia

210.2840, -20.8460, 12.9059

Deuteranopia

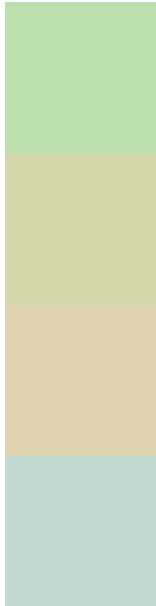
212.8820, -17.6898, 27.2905



Tritanopia

210.8550, 9.9315, -12.1508

Trichromacy



Original Color

206.2480, -16.3913, -16.0035

Protanomaly

208.9730, -19.2137, 2.6547

Deuteranomaly

210.8970, -17.2042, 11.4913

Tritanomaly

209.3250, 0.3328, -13.4400

Monochromacy



Original Color

206.2480, -16.3913, -16.0035

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2480, -16.3913, -16.0035 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(188, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 222, 173)  
}
```

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(188, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 222, 173) }
```

Border

The CSS property to change the border of an element to YUV 206.2480, -16.3913, -16.0035 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(188, 222, 173) }
```


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

```
.border{ border-color:rgb(188, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 222,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 206.2480, -16.3913, -16.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 222, 173) }
```

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

```
.background{ background-color: rgb(188,  
222, 173) }
```

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](#).

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