

Converting Colors

YUV(233.6580, -8.2124,
-26.0101)

Have a look what the booklet for
YUV(233.6580, -8.2124, -26.0101)
contains.

YUV(233.6580, -8.2124, -26.0101)	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(233.6580, -8.2124,
-26.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFCD9
RGB	204, 252, 217
RGB Percent	80%, 99%, 85%
CMY	0.2000, 0.0118, 0.1490
CMYK	0.19, 0.00, 0.14, 0.01
HSL	136°, 89%, 89%
HSV	136°, 19%, 99%
XYZ	72.2366, 87.4679, 78.7214
YIQ	233.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

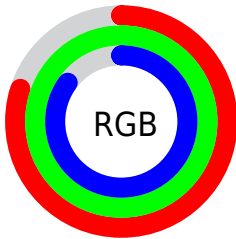
Format	Color
RYB	204, 242, 252
Decimal	13434073
CIELab	94.94, -21.88, 11.77
CIELCh	95, 24.845, 151.734
Yxy	87.4679, 0.3030, 0.3669
Android (android.graphics.Color)	4291624153 (0xFFCCFCD9)
YUV	233.6580, -8.2124, -26.0101
Hunter-Lab	93.5243, -25.7970, 15.5614

Details

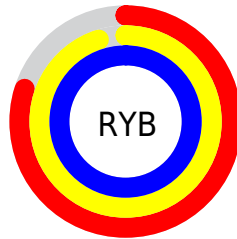
The YUV color $233.6580, -8.2124, -26.0101$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $222.3420, 8.2124, 26.0101$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.4840, -7.6336, -24.9805$ is the 20% darker color. If you saturate the color by 10%, you get $224.1310, -12.3896, -39.5799$, and if you desaturate by 10%, it is $243.1850, -4.0352, -12.4402$.

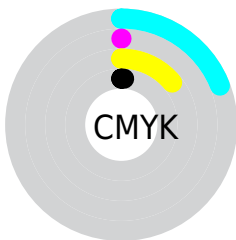
Distribution



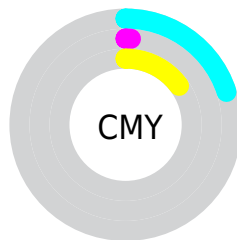
- Red (80%)
- Green (99%)
- Blue (85%)



- Red (80%)
- Yellow (95%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.6580, -8.2124, -26.0101 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 233.6580, -8.2124, -26.0101 by changing the saturation by 10% instead.

 233.6580, -8.2124,
-26.0101


 233.6580, -8.2124,
-26.0101


255.0000, 0.0000,
0.0000


 205.0710, -7.9230,
-25.4953


 177.4840, -7.6336,
-24.9805

 150.8970, -7.3442,
-24.4657

 124.3100, -7.0548,
-23.9509

 99.7230, -6.7654,
-23.4361

 75.2500, -6.0393,
-23.0212

 51.4780, -5.1657,

-23.2212

■ 28.6950, -4.2866,
-25.1655

■ 15.2620, -7.5242,
-13.3848

■ 233.6580, -8.2124,
-26.0101

■ 233.6580, -8.2124,
-26.0101

■ 224.1310,
-12.3896, -39.5799

■ 243.1850, -4.0352,
-12.4402

■ 214.4900,
-17.0036, -53.0497

■ 252.8260, 0.5788,
1.0296

■ 204.6640,
-21.0334, -67.2343

■ 253.2390, 0.8682,
1.5444

■ 195.0230,
-25.6473, -80.7042

■ 185.4960,
-29.8245, -94.2740

■ 175.9690,
-34.0017, -107.8438

■ 166.3280,
-38.6157, -121.3137

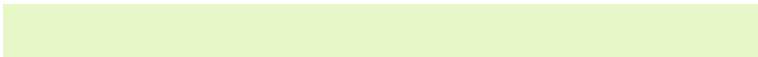
■ 156.5020,
-42.6455, -135.4983

■ 155.6760,
-43.2243, -136.5279

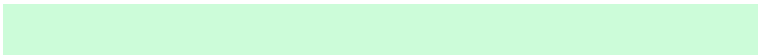
Harmonies

Analogous

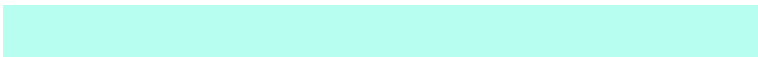
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7440, -18.6078, -5.0375



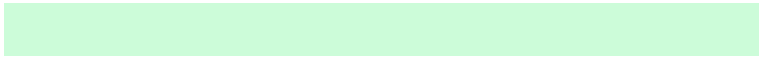
233.6580, -8.2124, -26.0101



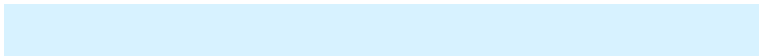
231.2890, 4.7875, -42.3495

Triad

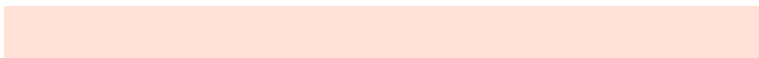
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.6580, -8.2124, -26.0101



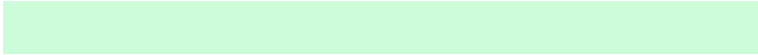
235.4090, 9.6584, -17.8987



232.9440, -8.3534, 19.3431

Complementary

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



233.6580, -8.2124, -26.0101



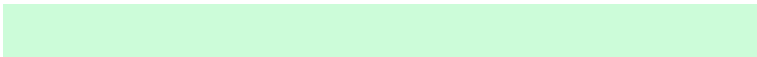
222.3420, 8.2124, 26.0101

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.



235.0930, 2.4192, 17.4584



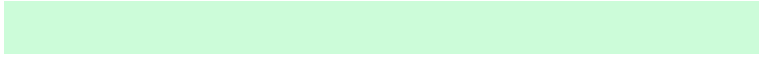
233.6580, -8.2124, -26.0101



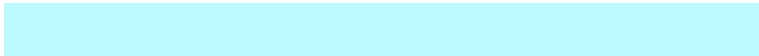
240.2810, 7.2565, 5.8926

Square

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



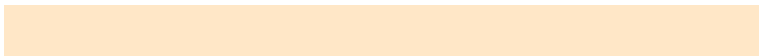
233.6580, -8.2124, -26.0101



231.1460, 11.7600, -38.7160



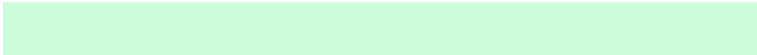
238.5640, 8.1029, 14.4144



234.5280, -17.5153, 17.9539

Rectangle

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



233.6580, -8.2124, -26.0101



230.4930, 12.0820, -48.6674



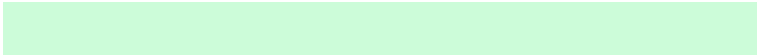
238.5640, 8.1029, 14.4144



233.2690, -4.5696, 19.0581

Sweetspot

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



233.6580, -8.2124, -26.0101



249.2610, -2.5937, -8.1219



242.6410, -19.0500, -3.1932



124.5110, -1.7309, -4.8331



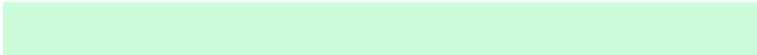
0.0000, 0.0000, 0.0000



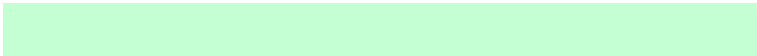
128.0000, 0.0000, 0.0000

Same Dimension

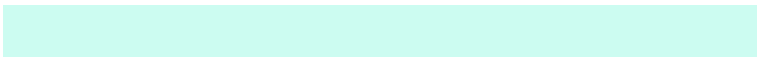
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.6580, -8.2124, -26.0101



232.4570, -10.0853, -31.9728



236.3940, 2.2708, -28.4095



120.0870, -2.0149, -7.0923



116.7570, -32.4182, -102.3959



37.7450, -10.2273, -33.1024

Inverse Universe

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



222.3420, 8.2124, 26.0101



218.5430, 10.0853, 31.9728



219.6060, -2.2708, 28.4095



117.0270, 2.4517, 6.9923



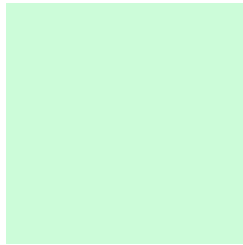
72.2430, 32.4182, 102.3959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 233.6580, -8.2124, -26.0101 looks on a white background.

Color Contrast Check

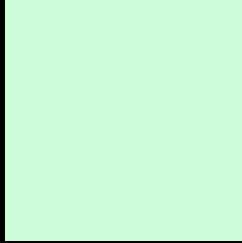
Large Text (above 18pt) WCAG AA × Fail

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 233.6580, -8.2124, -26.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

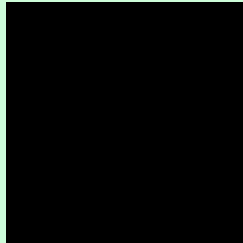
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

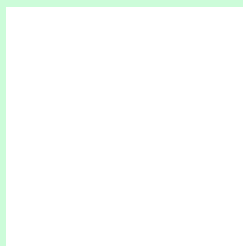
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.6580, -8.2124, -26.0101

Background



This preview shows how black text looks on a background with the YUV color 233.6580, -8.2124, -26.0101.



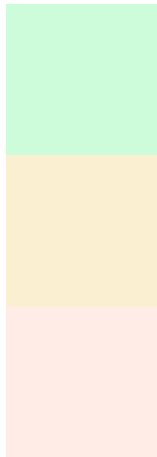
This preview shows how white text looks on a background with the YUV color 233.6580, -8.2124,

-26.0101.

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

233.6580, -8.2124, -26.0101

Protanopia

239.2820, -14.4360, 10.2767

Deuteranopia

241.1110, -4.9847, 12.1807



Tritanopia

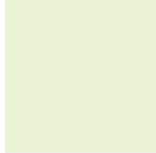
238.6870, 8.0423, -12.8805

Trichromacy



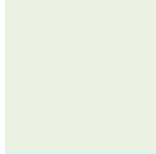
Original Color

233.6580, -8.2124, -26.0101



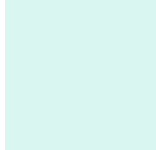
Protanomaly

237.4760, -12.0667, -3.0485



Deuteranomaly

238.3820, -6.1043, -2.0890



Tritanomaly

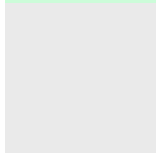
236.7590, 2.0908, -17.3286

Monochromacy



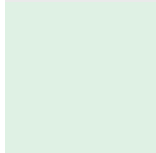
Original Color

233.6580, -8.2124, -26.0101



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

234.1360, -3.0250, -9.7663

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.6580, -8.2124, -26.0101 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(204, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(204, 252, 217)  
}
```

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(204, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 252, 217) }
```

Border

The CSS property to change the border of an element to YUV 233.6580, -8.2124, -26.0101 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(204, 252, 217) }
```


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

```
.border{ border-color:rgb(204, 252, 217) }
```

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

Here you see how a box with a 4 pixel rgb(204, 252, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(204, 252,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 233.6580, -8.2124, -26.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 252, 217) }
```

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

```
.background{ background-color: rgb(204,  
252, 217) }
```

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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