

Converting Colors

YUV(213.7680, -4.8156, 4.5885)

Have a look what the booklet for
YUV(213.7680, -4.8156, 4.5885)
contains.

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Color

**YUV(213.7680, -4.8156,
4.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5CC
RGB	219, 213, 204
RGB Percent	86%, 84%, 80%
CMY	0.1412, 0.1647, 0.2000
CMYK	0.00, 0.03, 0.07, 0.14
HSL	36°, 17%, 83%
HSV	36°, 7%, 86%
XYZ	63.9068, 67.0082, 66.6924
YIQ	213.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

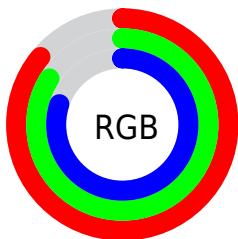
Format	Color
R _Y B	214, 219, 204
Decimal	14407116
CIE Lab	85.51, 0.50, 5.16
CIE LCh	86, 5.187, 84.497
Yxy	67.0082, 0.3234, 0.3391
Android (android.graphics.Color)	4292597196 (0xFFDBD5CC)
YUV	213.7680, -4.8156, 4.5885
Hunter-Lab	81.8585, -3.8979, 8.9958

Details

The YUV color $213.7680, -4.8156, 4.5885$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $209.2320, 4.8156, -4.5885$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.8820, -4.3788, 4.4885$ is the 20% darker color. If you saturate the color by 10%, you get $205.9770, -11.8207, 11.4212$, and if you desaturate by 10%, it is $221.5590, 2.1894, -2.2442$.

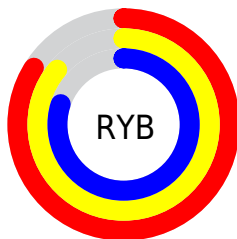
Distribution



Red (86%)

Green (84%)

Blue (80%)



Red (84%)

Yellow (86%)

Blue (80%)

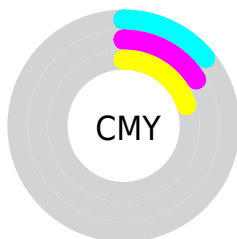


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7680, -4.8156, 4.5885 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 213.7680, -4.8156, 4.5885 by changing the saturation by 10% instead.

■ 213.7680, -4.8156,
4.5885

■ 213.7680, -4.8156,
4.5885

255.0000, 0.0000,
0.0000

■ 185.8820, -4.3788,
4.4885

■ 158.8820, -4.3788,
4.4885

■ 132.8820, -4.3788,
4.4885

■ 107.5830, -4.2314,
3.8737

■ 83.5830, -4.2314,
3.8737

■ 60.3980, -3.6472,
3.1590

■ 38.5120, -3.2104,

3.0590

■ 18.0560, -4.9576,
3.4589

■ 0.0000, 0.0000,
0.0000

■ 213.7680, -4.8156,
4.5885

■ 213.7680, -4.8156,
4.5885

■ 205.9770,
-11.8207, 11.4212

■ 221.5590, 2.1894,
-2.2442

■ 198.1860,
-18.8257, 18.2539

■ 229.3500, 9.1945,
-9.0769

■ 190.9820,
-26.1201, 24.5718

■ 234.8440, 9.9369,
-13.8952

■ 183.1910,
-33.1252, 31.4045

■ 240.1270, 7.3324,
-18.5284

■ 175.5140,
-39.6934, 38.1372

■ 244.2360, 5.3067,
-22.1320

■ 167.7230,
-46.6984, 44.9699

■ 160.5190,
-53.9929, 51.2878

■ 152.7280,
-60.9979, 58.1205

■ 144.9370,
-68.0029, 64.9533

Harmonies

Analogous

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



214.6050, -4.2423, 7.3624



213.7680, -4.8156, 4.5885



213.2620, -4.0732, -0.2298

Triad

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



213.7680, -4.8156, 4.5885



212.6290, 2.6479, -9.3216



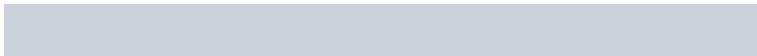
214.3040, 2.3151, 4.1184

Complementary

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



213.7680, -4.8156, 4.5885



209.2320, 4.8156, -4.5885

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.



214.4390, 4.2206, -0.3850



213.7680, -4.8156, 4.5885



212.9820, 3.9529, -7.8772

Square

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



213.7680, -4.8156, 4.5885



212.6570, 0.1691, -7.5922



213.2320, 4.8156, -4.5885



215.0440, -0.0217, 6.9774

Rectangle

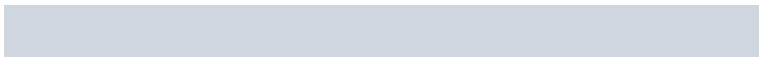
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



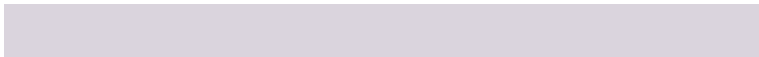
213.7680, -4.8156, 4.5885



213.1800, -3.0467, -2.7889



213.2320, 4.8156, -4.5885



214.8200, 3.0467, 2.7889

Sweetspot

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



213.7680, -4.8156, 4.5885



253.2560, -1.6052, 1.5295



209.1690, 0.4097, 8.6218



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



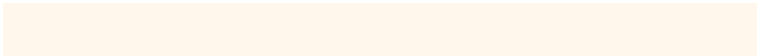
128.0000, 0.0000, 0.0000

Same Dimension

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



213.7680, -4.8156, 4.5885



248.0240, -6.4208, 6.1180



216.9910, -6.4046, 0.8849



105.8110, -3.3578, 3.6738



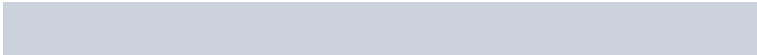
112.7750, -55.5981, 52.8173



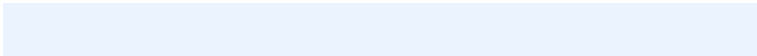
30.1900, -14.8837, 13.8654

Inverse Universe

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



209.2320, 4.8156, -4.5885



241.9760, 6.4208, -6.1180



206.3080, 6.2572, -0.2701



102.6020, 3.6472, -3.1590



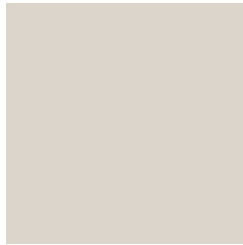
60.2250, 55.5981, -52.8173



15.8100, 14.8837, -13.8654

Previews

White Background



This preview shows how the YUV color 213.7680, -4.8156, 4.5885 looks on a white background.

Color Contrast Check

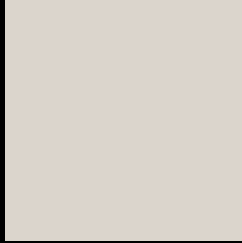
Large Text (above 18pt) WCAG AA × Fail

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 213.7680, -4.8156, 4.5885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

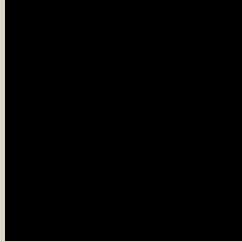
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7680, -4.8156, 4.5885

Background



This preview shows how black text looks on a background with the YUV color 213.7680, -4.8156, 4.5885.



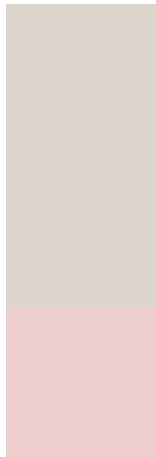
This preview shows how white text looks on a background with the YUV color 213.7680, -4.8156,

4.5885.

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

213.7680, -4.8156, 4.5885

Protanopia

214.0670, -4.9630, 5.2032

Deuteranopia

215.1550, -5.0064, 19.1581



Tritanopia

215.4120, 5.2199, 5.7777

Trichromacy



Original Color

213.7680, -4.8156, 4.5885

Protanomaly

214.0670, -4.9630, 5.2032

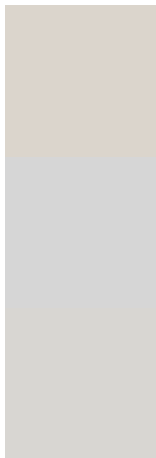
Deuteranomaly

214.8230, -4.8427, 13.3102

Tritanomaly

214.7880, 1.5835, 5.4479

Monochromacy



Original Color

213.7680, -4.8156, 4.5885

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7680, -4.8156, 4.5885 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(219, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 204)  
}
```

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(219, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 204) }
```

Border

The CSS property to change the border of an element to YUV 213.7680, -4.8156, 4.5885 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(219, 213, 204) }
```


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

```
.border{ border-color:rgb(219, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 213.7680, -4.8156, 4.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 204) }
```

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

```
.background{ background-color: rgb(219,  
213, 204) }
```

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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