

Converting Colors

YUV(217.8060, -5.8204, 0.1701)

Have a look what the booklet for
YUV(217.8060, -5.8204, 0.1701)
contains.

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Color

**YUV(217.8060, -5.8204,
0.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	DADCCE
RGB	218, 220, 206
RGB Percent	85%, 86%, 81%
CMY	0.1451, 0.1373, 0.1922
CMYK	0.01, 0.00, 0.06, 0.14
HSL	69°, 17%, 84%
HSV	69°, 6%, 86%
XYZ	65.6472, 70.5481, 68.5497
YIQ	217.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

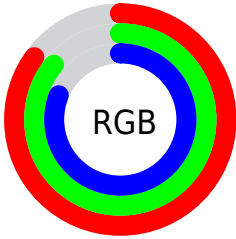
Format	Color
R_{YB}	206, 220, 208
Decimal	14343374
CIE _{Lab}	87.26, -3.13, 6.63
CIE _{LCh}	87, 7.333, 115.304
Yxy	70.5481, 0.3206, 0.3446
Android (android.graphics.Color)	4292533454 (0xFFDADCCE)
YUV	217.8060, -5.8204, 0.1701
Hunter-Lab	83.9929, -7.4754, 10.4063

Details

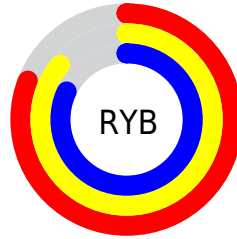
The YUV color $217.8060, -5.8204, 0.1701$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.1940, 5.8204, -0.1701$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.9200, -5.3836, 0.0702$ is the 20% darker color. If you saturate the color by 10%, you get $214.4010, -14.9877, 0.5253$, and if you desaturate by 10%, it is $221.2110, 3.3470, -0.1850$.

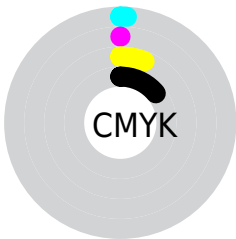
Distribution



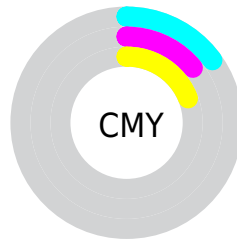
- Red (85%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8060, -5.8204, 0.1701 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 217.8060, -5.8204, 0.1701 by changing the saturation by 10% instead.

■ 217.8060, -5.8204,
0.1701

■ 217.8060, -5.8204,
0.1701

255.0000, 0.0000,
0.0000

■ 189.9200, -5.3836,
0.0702

■ 162.9200, -5.3836,
0.0702

■ 136.9200, -5.3836,
0.0702

■ 111.0340, -4.9468,
-0.0298

■ 87.0340, -4.9468,
-0.0298

■ 64.0340, -4.9468,
-0.0298

■ 41.5610, -4.2206,

0.3850

■ 21.2190, -5.5310,
0.6849

■ 0.0000, 0.0000,
0.0000

■ 217.8060, -5.8204,
0.1701

■ 217.8060, -5.8204,
0.1701

■ 214.4010,
-14.9877, 0.5253

■ 221.2110, 3.3470,
-0.1850

■ 210.9960,
-24.1550, 0.8805

■ 224.6160, 12.5143,
-0.5402

■ 207.5910,
-33.3224, 1.2357

■ 226.0830, 14.2561,
0.8042

■ 203.8870,
-42.3423, 0.9761

■ 227.2790, 13.6665,
3.2633

■ 200.4820,
-51.5096, 1.3313

■ 228.1760, 13.2242,
5.1076

■ 197.0770,
-60.6770, 1.6865

■ 229.0730, 12.7820,
6.9520

■ 193.6720,
-69.8443, 2.0417

■ 229.9700, 12.3398,
8.7963

■ 190.2670,
-79.0116, 2.3968

■ 230.8670, 11.8976,
10.6406

■ 186.8620,
-88.1790, 2.7520

■ 231.7640, 11.4553,
12.4850

Harmonies

Analogous

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



218.9100, -6.8576, 6.2179



217.8060, -5.8204, 0.1701



217.1580, -3.0359, -6.2776

Triad

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



217.8060, -5.8204, 0.1701



217.5300, 6.1477, -11.8658



220.0660, -0.0325, 10.4661

Complementary

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



217.8060, -5.8204, 0.1701



208.1940, 5.8204, -0.1701

Split Complementary

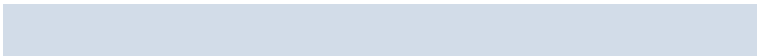
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.9560, 3.4727, 6.1776



217.8060, -5.8204, 0.1701



218.3780, 6.7156, -7.3475

Square

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



217.8060, -5.8204, 0.1701



216.8350, 3.5323, -13.0103



219.1940, 5.8204, -0.1701



219.8660, -3.3849, 12.3955

Rectangle

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



217.8060, -5.8204, 0.1701



217.0050, -0.9885, -9.6514



219.1940, 5.8204, -0.1701



219.9950, 0.9885, 9.6514

Sweetspot

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



217.8060, -5.8204, 0.1701



254.1310, -2.0366, -0.1149



211.3600, -2.6425, 7.5773



127.3590, -1.1630, -0.3148



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.



217.8060, -5.8204, 0.1701



251.8230, -8.2937, 0.1552



215.7130, -4.7885, -4.1333



108.1480, -4.5100, -0.1298



146.1020, -72.0283, 2.5415



38.6630, -19.0609, 0.2955

Inverse Universe

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



208.1940, 5.8204, -0.1701



238.1770, 8.2937, -0.1552



210.2870, 4.7885, 4.1333



100.5530, 4.6574, -0.4850



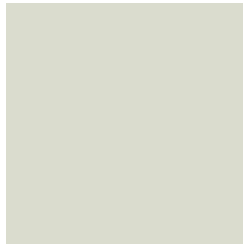
27.1970, 71.8809, -1.9268



7.3370, 19.0609, -0.2955

Previews

White Background



This preview shows how the YUV color 217.8060, -5.8204, 0.1701 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 217.8060, -5.8204, 0.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

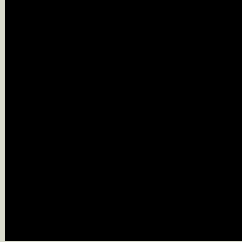
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

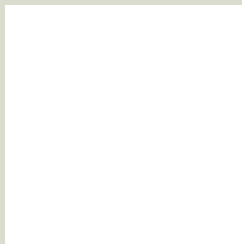
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.8060, -5.8204, 0.1701

Background



This preview shows how black text looks on a background with the YUV color 217.8060, -5.8204, 0.1701.



This preview shows how white text looks on a background with the YUV color 217.8060, -5.8204,

0.1701.

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

217.8060, -5.8204, 0.1701

Protanopia

218.9100, -6.8576, 6.2179

Deuteranopia

220.5250, -6.1748, 20.5876



Tritanopia

219.7320, 6.5411, 1.9890

Trichromacy



Original Color

217.8060, -5.8204, 0.1701

Protanomaly

218.6000, -6.7048, 3.8588

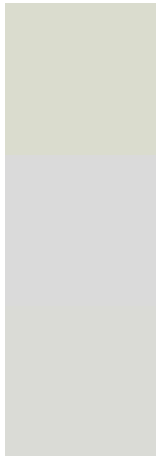
Deuteranomaly

219.4810, -6.1531, 13.6102

Tritanomaly

218.8800, 2.0312, 1.8592

Monochromacy



Original Color

217.8060, -5.8204, 0.1701

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8060, -5.8204, 0.1701 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(218, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(218, 220, 206)  
}
```

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(218, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 220, 206) }
```

Border

The CSS property to change the border of an element to YUV 217.8060, -5.8204, 0.1701 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(218, 220, 206) }
```


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

```
.border{ border-color:rgb(218, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(218, 220,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 217.8060, -5.8204, 0.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 220, 206) }
```

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

```
.background{ background-color: rgb(218,  
220, 206) }
```

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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