

Converting Colors

YUV(208.1580, 0.4151, 6.8774)

Have a look what the booklet for
YUV(208.1580, 0.4151, 6.8774)
contains.

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Color

**YUV(208.1580, 0.4151,
6.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CCD1
RGB	216, 204, 209
RGB Percent	85%, 80%, 82%
CMY	0.1529, 0.2000, 0.1804
CMYK	0.00, 0.06, 0.03, 0.15
HSL	335°, 13%, 82%
HSV	335°, 6%, 85%
XYZ	61.4204, 62.3881, 69.1265
YIQ	208.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

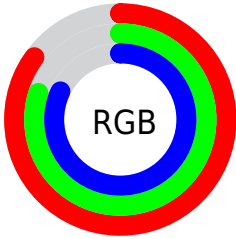
Format	Color
R _Y B	216, 204, 209
Decimal	14208209
CIE Lab	83.12, 5.04, -1.00
CIE LCh	83, 5.135, 348.800
Yxy	62.3881, 0.3183, 0.3234
Android (android.graphics.Color)	4292398289 (0xFFD8CCD1)
YUV	208.1580, 0.4151, 6.8774
Hunter-Lab	78.9861, 0.5776, 3.4013

Details

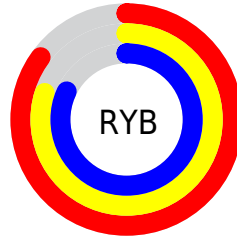
The YUV color `208.1580, 0.4151, 6.8774` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `211.8420, -0.4151, -6.8774`, and the grayscale version is `208.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `153.8590, 0.5625, 6.2627` is the 20% darker color. If you saturate the color by 10%, you get `193.7620, 1.1033, 19.5027`, and if you desaturate by 10%, it is `222.5540, -0.2731, -5.7479`.

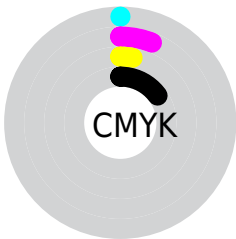
Distribution



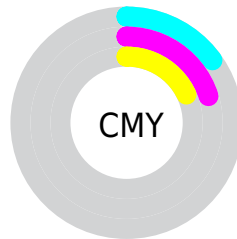
- Red (85%)
- Green (80%)
- Blue (82%)



- Red (85%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1580, 0.4151, 6.8774 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 208.1580, 0.4151, 6.8774 by changing the saturation by 10% instead.

■ 208.1580, 0.4151,
6.8774

■ 208.1580, 0.4151,
6.8774

255.0000, 0.0000,
0.0000

■ 180.7450, 0.1257,
6.3626

■ 153.8590, 0.5625,
6.2627

■ 127.8590, 0.5625,
6.2627

■ 102.8590, 0.5625,
6.2627

■ 78.5600, 0.7099,
5.6479

■ 56.1470, 0.4205,
5.1331

■ 34.1470, 0.4205,

5.1331

■ 12.2720, 0.8519,
6.7775

■ 0.0000, 0.0000,
0.0000

■ 208.1580, 0.4151,
6.8774

■ 208.1580, 0.4151,
6.8774

■ 193.7620, 1.1033,
19.5027

■ 222.5540, -0.2731,
-5.7479

■ 180.0670, 1.9390,
31.5132

■ 236.2490, -1.1088,
-17.7584

■ 165.6710, 2.6272,
44.1385

■ 242.4270, 2.2545,
-23.1765

■ 151.9760, 3.4628,
56.1490

■ 243.3390, 5.7489,
-23.9763

■ 137.5800, 4.1511,
68.7743

■ 123.1840, 4.8393,
81.3996

■ 109.4890, 5.6749,
93.4101

■ 95.0930, 6.3632,
106.0354

■ 81.3980, 7.1988,
118.0460

Harmonies

Analogous

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



208.0050, 2.4625, 3.5036



208.1580, 0.4151, 6.8774



208.1860, -2.0637, 8.6069

Triad

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



208.1580, 0.4151, 6.8774



206.8600, -4.3680, 0.9998



205.6830, 4.1003, -8.4920

Complementary

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



208.1580, 0.4151, 6.8774



211.8420, -0.4151, -6.8774

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.



205.8140, 2.0637, -8.6069



208.1580, 0.4151, 6.8774



205.9950, -2.4625, -3.5036

Square

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



208.1580, 0.4151, 6.8774



207.1810, -4.5262, 5.1033



205.8420, -0.4151, -6.8774



206.5200, 4.6736, -5.7180

Rectangle

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



208.1580, 0.4151, 6.8774



207.5450, -3.2267, 8.2920



205.8420, -0.4151, -6.8774



206.1560, 3.3741, -8.9068

Sweetspot

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



208.1580, 0.4151, 6.8774



251.7230, 0.1366, 2.8739



207.4610, 4.2097, 3.1037



126.0110, -0.0054, 1.7444



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.



208.1580, 0.4151, 6.8774



243.2940, 0.8411, 10.2662



208.1750, -2.0583, 6.8625



101.7340, 0.1311, 4.6183



59.2230, 5.8061, 98.0284



14.9090, 1.5239, 24.6358

Inverse Universe

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



208.1580, 0.4151, 6.8774



243.2940, 0.8411, 10.2662



211.8250, 2.0583, -6.8625



101.7340, 0.1311, 4.6183



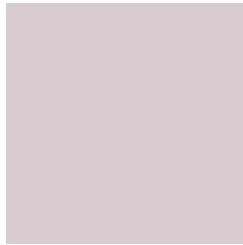
59.2230, 5.8061, 98.0284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 208.1580, 0.4151, 6.8774 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 208.1580, 0.4151, 6.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

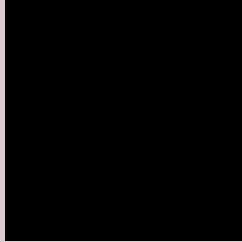
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

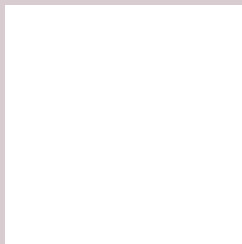
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.1580, 0.4151, 6.8774

Background



This preview shows how black text looks on a background with the YUV color 208.1580, 0.4151, 6.8774.



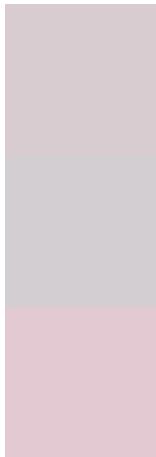
This preview shows how white text looks on a background with the YUV color 208.1580, 0.4151,

6.8774.

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

208.1580, 0.4151, 6.8774

Protanopia

207.6520, 1.1576, 2.0592

Deuteranopia

209.5010, 0.2460, 14.4696



Tritanopia

208.8960, 4.4883, 7.1072

Trichromacy



Original Color

208.1580, 0.4151, 6.8774

Protanomaly

207.6630, 1.1521, 3.8035

Deuteranomaly

208.8920, 0.5462, 11.4957

Tritanomaly

208.5540, 3.1779, 7.4071

Monochromacy



Original Color

208.1580, 0.4151, 6.8774

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1580, 0.4151, 6.8774 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(216, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 209)  
}
```

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(216, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 209) }
```

Border

The CSS property to change the border of an element to YUV 208.1580, 0.4151, 6.8774 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(216, 204, 209) }
```


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

```
.border{ border-color:rgb(216, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 208.1580, 0.4151, 6.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 209) }
```

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

```
.background{ background-color: rgb(216,  
204, 209) }
```

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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