

Converting Colors

YUV(218.1580, 0.4151, 6.8774)

Have a look what the booklet for
YUV(218.1580, 0.4151, 6.8774)
contains.

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Color

**YUV(218.1580, 0.4151,
6.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D6DB
RGB	226, 214, 219
RGB Percent	89%, 84%, 86%
CMY	0.1137, 0.1608, 0.1412
CMYK	0.00, 0.05, 0.03, 0.11
HSL	335°, 17%, 86%
HSV	335°, 5%, 89%
XYZ	68.1968, 69.3764, 76.8145
YIQ	218.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

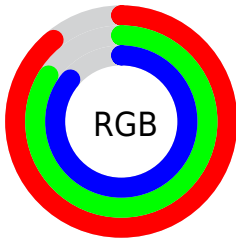
Format	Color
R _Y B	226, 214, 219
Decimal	14866139
CIE Lab	86.69, 4.99, -0.99
CIE LCh	87, 5.090, 348.775
Yxy	69.3764, 0.3181, 0.3236
Android (android.graphics.Color)	4293056219 (0xFFE2D6DB)
YUV	218.1580, 0.4151, 6.8774
Hunter-Lab	83.2925, 0.3873, 3.6260

Details

The YUV color `218.1580, 0.4151, 6.8774` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.8420, -0.4151, -6.8774`, 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 `163.1580, 0.4151, 6.8774` is the 20% darker color. If you saturate the color by 10%, you get `203.1750, 1.3927, 20.0175`, and if you desaturate by 10%, it is `233.1410, -0.5625, -6.2627`.

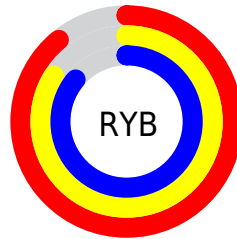
Distribution



Red (89%)

Green (84%)

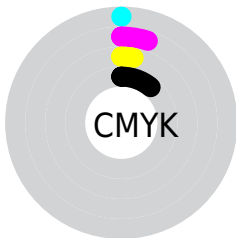
Blue (86%)



Red (89%)

Yellow (84%)

Blue (86%)

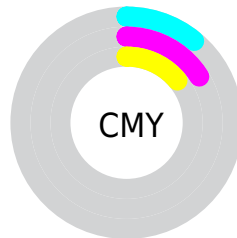


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1580, 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 218.1580, 0.4151, 6.8774 by changing the saturation by 10% instead.

■ 218.1580, 0.4151,
6.8774

■ 218.1580, 0.4151,
6.8774

255.0000, 0.0000,
0.0000

■ 190.1580, 0.4151,
6.8774

■ 163.1580, 0.4151,
6.8774

■ 136.8590, 0.5625,
6.2627

■ 111.7450, 0.1257,
6.3626

■ 87.4460, 0.2731,
5.7479

■ 64.1470, 0.4205,
5.1331

■ 42.1470, 0.4205,

5.1331

■ 21.1470, 0.4205,
5.1331

■ 0.0000, 0.0000,
0.0000

■ 218.1580, 0.4151,
6.8774

■ 218.1580, 0.4151,
6.8774

■ 203.1750, 1.3927,
20.0175

■ 233.1410, -0.5625,
-6.2627

■ 188.7790, 2.0810,
32.6428

■ 245.1890, -0.0932,
-16.8288

■ 173.6820, 2.6218,
45.8829

■ 246.3290, 4.2748,
-17.8285

■ 159.2860, 3.3100,
58.5082

■ 144.3030, 4.2876,
71.6483

■ 129.3200, 5.2652,
84.7884

■ 114.9240, 5.9535,
97.4137

■ 99.9410, 6.9311,
110.5537

■ 85.4310, 7.1825,
123.2790

Harmonies

Analogous

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



218.0050, 2.4625, 3.5036



218.1580, 0.4151, 6.8774



218.1860, -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.



218.1580, 0.4151, 6.8774



216.8600, -4.3680, 0.9998



215.9820, 3.9529, -7.8772

Complementary

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



218.1580, 0.4151, 6.8774



221.8420, -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.



215.8140, 2.0637, -8.6069



218.1580, 0.4151, 6.8774



215.9950, -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.



218.1580, 0.4151, 6.8774



217.1810, -4.5262, 5.1033



215.8420, -0.4151, -6.8774



216.5200, 4.6736, -5.7180

Rectangle

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



218.1580, 0.4151, 6.8774



217.5450, -3.2267, 8.2920



215.8420, -0.4151, -6.8774



216.1560, 3.3741, -8.9068

Sweetspot

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



218.1580, 0.4151, 6.8774



251.7230, 0.1366, 2.8739



217.4610, 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.



218.1580, 0.4151, 6.8774



245.1690, 0.4097, 8.6218



218.1750, -2.0583, 6.8625



106.8480, 0.5679, 4.5183



60.9460, 5.9426, 100.9024



16.6320, 1.6604, 27.5097

Inverse Universe

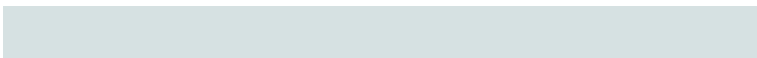
The Inverse Universe completely reimagines the original color for something new.



218.1580, 0.4151, 6.8774



245.1690, 0.4097, 8.6218



221.8250, 2.0583, -6.8625



106.8480, 0.5679, 4.5183



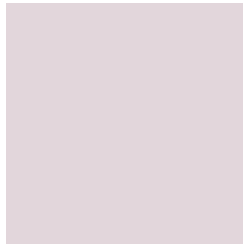
60.9460, 5.9426, 100.9024



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 218.1580, 0.4151, 6.8774 looks on a white background.

Color Contrast Check

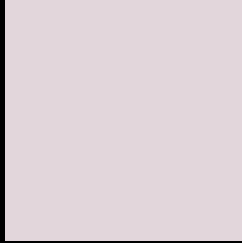
Large Text (above 18pt) WCAG AA × Fail

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 218.1580, 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

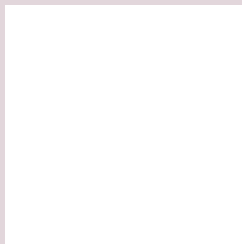
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.1580, 0.4151, 6.8774

Background



This preview shows how black text looks on a background with the YUV color 218.1580, 0.4151, 6.8774.



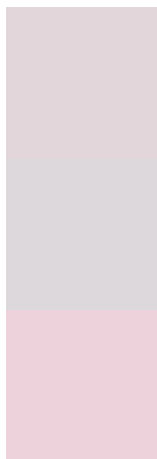
This preview shows how white text looks on a background with the YUV color 218.1580, 0.4151,

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

218.1580, 0.4151, 6.8774

Protanopia

217.6520, 1.1576, 2.0592

Deuteranopia

219.2130, 0.3880, 15.5992



Tritanopia

218.4230, 5.2145, 7.5220

Trichromacy



Original Color

218.1580, 0.4151, 6.8774

Protanomaly

217.6630, 1.1521, 3.8035

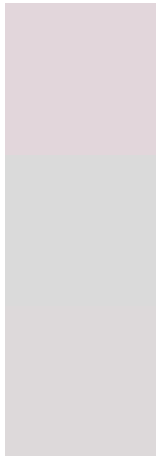
Deuteranomaly

218.6040, 0.6882, 12.6253

Tritanomaly

218.5540, 3.1779, 7.4071

Monochromacy



Original Color

218.1580, 0.4151, 6.8774

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1580, 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(226, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 219)  
}
```

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(226, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 219) }
```

Border

The CSS property to change the border of an element to YUV 218.1580, 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(226, 214, 219) }
```


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

```
.border{ border-color:rgb(226, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 218.1580, 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(226, 214, 219) }
```

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

```
.background{ background-color: rgb(226,  
214, 219) }
```

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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