

Converting Colors

YUV(214.7810, 5.5310, -0.6849)

Have a look what the booklet for
YUV(214.7810, 5.5310, -0.6849)
contains.

YUV(214.7810, 5.5310, -0.6849)	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(214.7810, 5.5310,
-0.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5E2
RGB	214, 213, 226
RGB Percent	84%, 84%, 89%
CMY	0.1608, 0.1647, 0.1137
CMYK	0.05, 0.06, 0.00, 0.11
HSL	245°, 18%, 86%
HSV	245°, 6%, 89%
XYZ	65.2533, 67.3756, 81.5171
YIQ	214.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

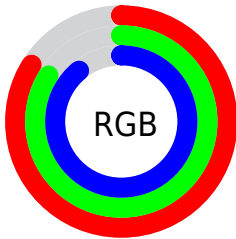
Format	Color
R _Y B	214, 213, 226
Decimal	14079458
CIE Lab	85.69, 2.75, -6.27
CIE LCh	86, 6.849, 293.711
Yxy	67.3756, 0.3047, 0.3146
Android (android.graphics.Color)	4292269538 (0xFFD6D5E2)
YUV	214.7810, 5.5310, -0.6849
Hunter-Lab	82.0827, -1.7425, -1.4236

Details

The YUV color $214.7810, 5.5310, -0.6849$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.2190, -5.5310, 0.6849$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.7810, 5.5310, -0.6849$ is the 20% darker color. If you saturate the color by 10%, you get $195.0010, 15.2825, -1.7549$, and if you desaturate by 10%, it is $234.5610, -4.2206, 0.3850$.

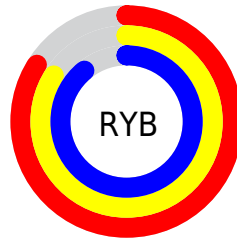
Distribution



Red (84%)

Green (84%)

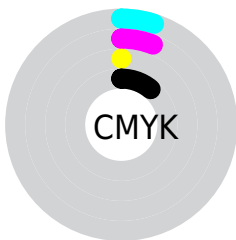
Blue (89%)



Red (84%)

Yellow (84%)

Blue (89%)

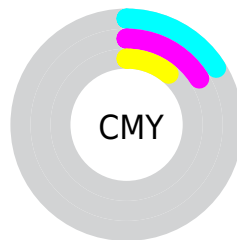


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7810, 5.5310, -0.6849 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 214.7810, 5.5310, -0.6849 by changing the saturation by 10% instead.

■ 214.7810, 5.5310,
-0.6849

■ 214.7810, 5.5310,
-0.6849

255.0000, 0.0000,
0.0000

■ 186.7810, 5.5310,
-0.6849

■ 159.7810, 5.5310,
-0.6849

■ 133.6670, 5.0942,
-0.5850

■ 108.6670, 5.0942,
-0.5850

■ 84.5530, 4.6574,
-0.4850

■ 61.1400, 4.3680,
-0.9998

■ 39.4390, 4.2206,

-0.3850

■ 19.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 214.7810, 5.5310,
-0.6849

■ 214.7810, 5.5310,
-0.6849

■ 195.0010, 15.2825,
-1.7549

■ 234.5610, -4.2206,
0.3850

■ 175.8080, 24.7447,
-3.3396

■ 251.6940,
-12.6671, 2.8994

■ 156.0280, 34.4962,
-4.4096

■ 137.1340, 43.8109,
-5.3795

■ 117.3540, 53.5625,
-6.4495

■ 97.5740, 63.3140,
-7.5194

■ 78.3810, 72.7762,
-9.1041

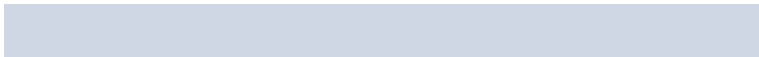
■ 58.6010, 82.5277,
-10.1741

■ 39.4080, 91.9899,
-11.7588

Harmonies

Analogous

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



213.6770, 6.5682, -6.7327



214.7810, 5.5310, -0.6849



215.5430, 3.1833, 5.6628

Triad

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



214.7810, 5.5310, -0.6849



214.9860, -5.4161, 10.5363



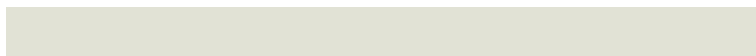
212.3470, 0.3219, -9.9513

Complementary

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



214.7810, 5.5310, -0.6849



224.2190, -5.5310, 0.6849

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.



212.7560, -3.3307, -5.0480



214.7810, 5.5310, -0.6849



214.0240, -6.4208, 6.1180

Square

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



214.7810, 5.5310, -0.6849



215.5670, -3.2375, 11.7807



213.2190, -5.5310, 0.6849



212.4330, 3.2375, -11.7807

Rectangle

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



214.7810, 5.5310, -0.6849



215.3970, 1.2833, 8.4218



213.2190, -5.5310, 0.6849



212.3040, -1.1359, -9.0366

Sweetspot

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



214.7810, 5.5310, -0.6849



250.5700, 2.1840, -0.4999



221.5260, 2.2057, -7.4773



125.3420, 1.3104, -0.2999



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.



214.7810, 5.5310, -0.6849



239.6500, 7.5676, -0.5700



216.5750, 4.6465, 3.0037



104.3250, 3.7838, -0.2850



24.2500, 74.8127, -8.9893



6.6680, 20.3767, -2.3398

Inverse Universe

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



218.2550, 3.3253, 6.7924



244.3200, 4.7722, 9.3664



222.4250, -4.6465, -3.0037



106.7170, 2.6045, 4.6332



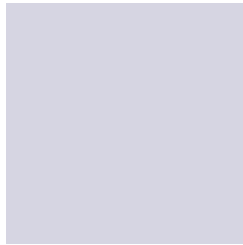
71.0920, 44.8176, 92.0043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 214.7810, 5.5310, -0.6849 looks on a white background.

Color Contrast Check

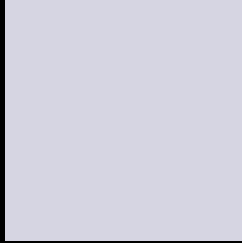
Large Text (above 18pt) WCAG AA × Fail

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 214.7810, 5.5310, -0.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

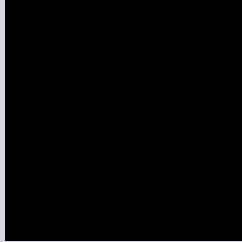
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

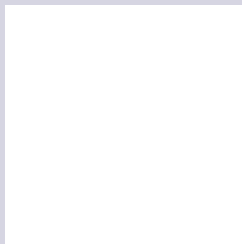
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.7810, 5.5310, -0.6849

Background



This preview shows how black text looks on a background with the YUV color 214.7810, 5.5310, -0.6849.



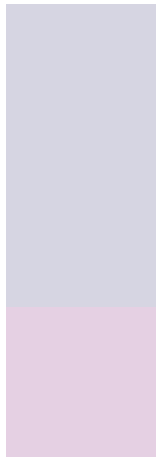
This preview shows how white text looks on a background with the YUV color 214.7810, 5.5310,

-0.6849.

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

214.7810, 5.5310, -0.6849

Protanopia

214.7810, 5.5310, -0.6849

Deuteranopia

216.4450, 5.2036, 11.0107



Tritanopia

214.8350, 6.9833, 0.1447

Trichromacy



Original Color

214.7810, 5.5310, -0.6849

Protanomaly

214.7810, 5.5310, -0.6849

Deuteranomaly

216.1240, 5.3619, 6.9073

Tritanomaly

214.7210, 6.5465, 0.2447

Monochromacy



Original Color

214.7810, 5.5310, -0.6849

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7810, 5.5310, -0.6849 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(214, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 226)  
}
```

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(214, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 226) }
```

Border

The CSS property to change the border of an element to YUV 214.7810, 5.5310, -0.6849 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(214, 213, 226) }
```


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

```
.border{ border-color:rgb(214, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 214.7810, 5.5310, -0.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 226) }
```

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

```
.background{ background-color: rgb(214,  
213, 226) }
```

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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