

Converting Colors

YUV(212.7580, 10.4723, 1.0892)

Have a look what the booklet for
YUV(212.7580, 10.4723, 1.0892)
contains.

YUV(212.7580, 10.4723, 1.0892)	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(212.7580, 10.4723,
1.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D0EA
RGB	214, 208, 234
RGB Percent	84%, 82%, 92%
CMY	0.1608, 0.1843, 0.0824
CMYK	0.09, 0.11, 0.00, 0.08
HSL	254°, 38%, 87%
HSV	254°, 11%, 92%
XYZ	65.1387, 65.3484, 87.0222
YIQ	212.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

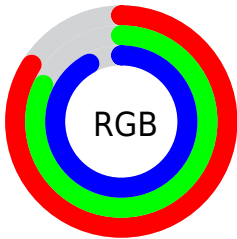
Format	Color
RYB	214, 208, 234
Decimal	14078186
CIELab	84.66, 6.94, -12.05
CIElCh	85, 13.901, 299.935
Yxy	65.3484, 0.2995, 0.3004
Android (android.graphics.Color)	4292268266 (0xFFD6D0EA)
YUV	212.7580, 10.4723, 1.0892
Hunter-Lab	80.8384, 2.3663, -7.2386

Details

The YUV color $212.7580, 10.4723, 1.0892$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.2420, -10.4723, -1.0892$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.2310, 9.7461, 0.6744$ is the 20% darker color. If you saturate the color by 10%, you get $193.8750, 19.7816, 1.8636$, and if you desaturate by 10%, it is $231.6410, 1.1630, 0.3148$.

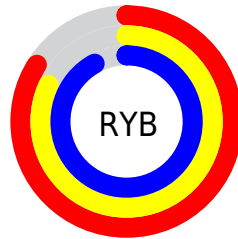
Distribution



Red (84%)

Green (82%)

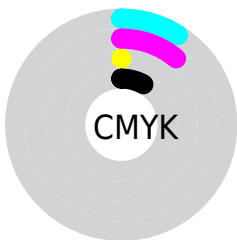
Blue (92%)



Red (84%)

Yellow (82%)

Blue (92%)

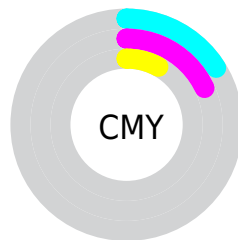


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7580, 10.4723, 1.0892 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 212.7580, 10.4723, 1.0892 by changing the saturation by 10% instead.

■ 212.7580, 10.4723,
1.0892

■ 212.7580, 10.4723,
1.0892

255.0000, 0.0000,
0.0000

■ 184.7580, 10.4723,
1.0892

■ 158.2310, 9.7461,
0.6744

■ 132.2310, 9.7461,
0.6744

■ 107.1170, 9.3093,
0.7744

■ 82.7040, 9.0199,
0.2596

■ 59.5900, 8.5831,
0.3596

■ 37.4760, 8.1463,

0.4595

■ 16.7750, 7.9989,
1.0743

■ 0.7980, 3.0576,
-0.6998

■ 212.7580, 10.4723,
1.0892

■ 212.7580, 10.4723,
1.0892

■ 193.8750, 19.7816,
1.8636

■ 231.6410, 1.1630,
0.3148

■ 174.4050, 29.3803,
3.1528

■ 251.1110, -8.4357,
-0.9743

■ 155.5220, 38.6897,
3.9272

■ 252.6060, -9.1728,
2.0995

■ 136.0520, 48.2884,
5.2164

■ 117.1690, 57.5977,
5.9908

■ 98.2860, 66.9070,
6.7652

■ 78.8160, 76.5057,
8.0544

■ 59.9330, 85.8150,
8.8288

■ 42.8220, 94.2508,
9.8031

Harmonies

Analogous

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



210.3650, 13.1311, -11.7211



212.7580, 10.4723, 1.0892



213.8690, 5.4876, 13.2699

Triad

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



212.7580, 10.4723, 1.0892



212.4340, -11.5530, 18.9134



207.0250, 1.9597, -21.9469

Complementary

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



212.7580, 10.4723, 1.0892



229.2420, -10.4723, -1.0892

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.



208.2450, -5.0508, -13.3699



212.7580, 10.4723, 1.0892



210.7380, -12.6888, 9.8768

Square

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



212.7580, 10.4723, 1.0892



213.3080, -7.0538, 22.5319



209.5300, -10.6143, -2.2188



207.3110, 8.2277, -25.7057

Rectangle

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



212.7580, 10.4723, 1.0892



214.3490, 0.8139, 18.9879



209.5300, -10.6143, -2.2188



207.3520, -0.6665, -19.6027

Sweetspot

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



212.7580, 10.4723, 1.0892



248.5100, 3.1996, 0.4297



222.7040, 5.5689, -12.8954



123.2820, 2.3260, 0.6297



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.



212.7580, 10.4723, 1.0892



227.8550, 13.3825, 1.0042



216.6450, 8.5560, 9.0813



107.8520, 4.5100, 0.1298



33.1920, 72.8693, 7.7246



9.7440, 21.8182, 1.9785

Inverse Universe

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



218.0540, 4.9034, 13.9846



234.7170, 6.0555, 17.7882



225.3550, -8.5560, -9.0813



110.3150, 2.3097, 5.8627



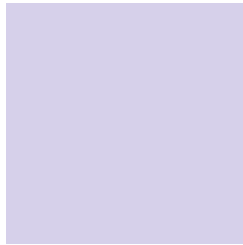
69.9650, 34.0343, 97.3777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 212.7580, 10.4723, 1.0892 looks on a white background.

Color Contrast Check

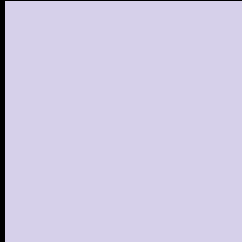
Large Text (above 18pt) WCAG AA × Fail

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 212.7580, 10.4723, 1.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

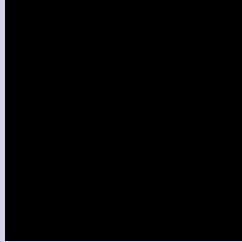
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7580, 10.4723, 1.0892

Background



This preview shows how black text looks on a background with the YUV color 212.7580, 10.4723, 1.0892.



This preview shows how white text looks on a background with the YUV color 212.7580, 10.4723, 1.0892.

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

212.7580, 10.4723, 1.0892

Protanopia

212.2520, 11.2148, -3.7290

Deuteranopia

213.6770, 10.0192, 6.4223



Tritanopia

212.1340, 6.8359, 0.7595

Trichromacy



Original Color

212.7580, 10.4723, 1.0892

Protanomaly

212.2630, 11.2093, -1.9847

Deuteranomaly

213.3670, 10.1721, 4.0631

Tritanomaly

212.4760, 8.1463, 0.4595

Monochromacy



Original Color

212.7580, 10.4723, 1.0892

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7580, 10.4723, 1.0892 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, 208, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 234)  
}
```

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, 208, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 234) }
```

Border

The CSS property to change the border of an element to YUV 212.7580, 10.4723, 1.0892 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, 208, 234) }
```


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

```
.border{ border-color:rgb(214, 208, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 212.7580, 10.4723, 1.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 234) }
```

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

```
.background{ background-color: rgb(214,  
208, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor