

Converting Colors

YUV(202.7810, 8.9820, 12.4701)

Have a look what the booklet for
YUV(202.7810, 8.9820, 12.4701)
contains.

YUV(202.7810, 8.9820, 12.4701)	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(202.7810, 8.9820,
12.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C0DD
RGB	217, 192, 221
RGB Percent	85%, 75%, 87%
CMY	0.1490, 0.2471, 0.1333
CMYK	0.02, 0.13, 0.00, 0.13
HSL	292°, 30%, 81%
HSV	292°, 13%, 87%
XYZ	60.5161, 57.6714, 76.3488
YIQ	202.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

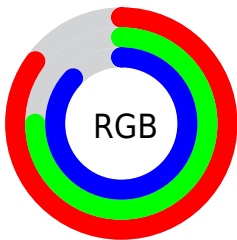
Format	Color
R _Y B	217, 192, 221
Decimal	14270685
CIE Lab	80.56, 13.96, -11.21
CIE LCh	81, 17.898, 321.234
Yxy	57.6714, 0.3111, 0.2965
Android (android.graphics.Color)	4292460765 (0xFFD9C0DD)
YUV	202.7810, 8.9820, 12.4701
Hunter-Lab	75.9417, 9.3442, -6.4486

Details

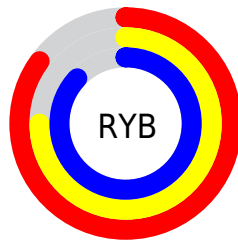
The YUV color **202.7810, 8.9820, 12.4701** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **210.2190, -8.9820, -12.4701**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **148.3680, 8.6926, 11.9553** is the 20% darker color. If you saturate the color by 10%, you get **188.9700, 15.7908, 21.9513**, and if you desaturate by 10%, it is **216.5920, 2.1731, 2.9888**.

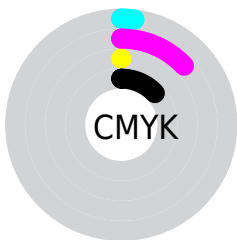
Distribution



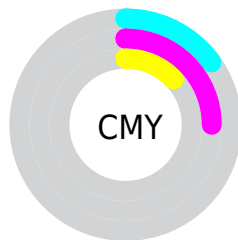
- Red (85%)
- Green (75%)
- Blue (87%)



- Red (85%)
- Yellow (75%)
- Blue (87%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7810, 8.9820, 12.4701 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 202.7810, 8.9820, 12.4701 by changing the saturation by 10% instead.

■ 202.7810, 8.9820,
12.4701

■ 202.7810, 8.9820,
12.4701

■ 255.0000, 0.0000,
0.0000

■ 175.3680, 8.6926,
11.9553

■ 250.8910, 2.0257,
3.6036

■ 148.3680, 8.6926,
11.9553

■ 122.9550, 8.4032,
11.4405

■ 97.5420, 8.1138,
10.9257

■ 74.1290, 7.8244,
10.4109

■ 51.3030, 7.2456,
9.3813

■ 29.8900, 6.9562,

8.8665

■ 9.0150, 7.3876,
10.5108

■ 0.0000, 0.0000,
0.0000

■ 202.7810, 8.9820,
12.4701

■ 202.7810, 8.9820,
12.4701

■ 188.9700, 15.7908,
21.9513

■ 216.5920, 2.1731,
2.9888

■ 175.1590, 22.5996,
31.4326

■ 230.4030, -4.6357,
-6.4924

■ 161.3480, 29.4084,
40.9138

■ 242.4530,
-10.5763, -14.4293

■ 147.5370, 36.2173,
50.3951

■ 243.3500,
-11.0186, -12.5850

133.7260, 43.0261,
59.8763

244.2470,
-11.4608, -10.7406

119.3280, 50.1243,
69.8723

245.1440,
-11.9030, -8.8963

105.5170, 56.9331,
79.3536

246.0410,
-12.3452, -7.0520

91.7060, 63.7419,
88.8348

246.9380,
-12.7874, -5.2076

82.3030, 68.3776,
95.3273

247.8350,
-13.2297, -3.3633

Harmonies

Analogous

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



200.8760, 14.8511, -3.3993



202.7810, 8.9820, 12.4701



203.3820, 0.7977, 24.2210

Triad

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



202.7810, 8.9820, 12.4701



199.8590, -16.1995, 15.9097



193.9680, 8.3968, -33.2979

Complementary

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



202.7810, 8.9820, 12.4701



210.2190, -8.9820, -12.4701

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.



194.1340, -0.0661, -25.5505



202.7810, 8.9820, 12.4701



198.2270, -14.4089, 1.5549

Square

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



202.7810, 8.9820, 12.4701



201.6090, -13.6112, 25.7759



196.0340, -8.3978, -13.1848



194.9990, 14.7905, -30.6941

Rectangle

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



202.7810, 8.9820, 12.4701



202.7370, -4.3073, 28.2947



196.0340, -8.3978, -13.1848



193.9960, 5.9180, -31.5685

Sweetspot

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



202.7810, 8.9820, 12.4701



248.8310, 3.0413, 4.5332



197.6540, 11.5096, -4.9586



123.5920, 2.1731, 2.9888



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.



202.7810, 8.9820, 12.4701



229.1390, 12.7495, 17.4181



202.8370, 4.0244, 15.9290



102.9450, 3.4781, 4.4332



64.2730, 53.6024, 74.3056



17.2040, 14.1964, 19.9921

Inverse Universe

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



201.1270, -2.5276, 17.4286



226.9430, -3.4229, 24.6060



210.1630, -4.0244, -15.9290



102.4030, -1.1847, 6.6626



54.4630, -15.0183, 103.9569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 202.7810, 8.9820, 12.4701 looks on a white background.

Color Contrast Check

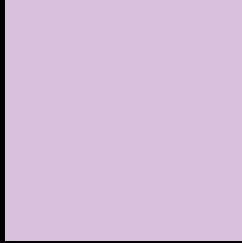
Large Text (above 18pt) WCAG AA × Fail

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 202.7810, 8.9820, 12.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

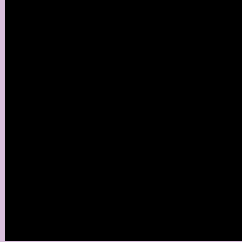
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.7810, 8.9820, 12.4701

Background



This preview shows how black text looks on a background with the YUV color 202.7810, 8.9820, 12.4701.



This preview shows how white text looks on a background with the YUV color 202.7810, 8.9820,

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

202.7810, 8.9820, 12.4701

Protanopia

201.0670, 11.7990, -4.4438

Deuteranopia

202.4490, 9.1456, 6.6222



Tritanopia

201.9890, 3.4564, 11.4106

Trichromacy



Original Color

202.7810, 8.9820, 12.4701

Protanomaly

201.5840, 11.0511, 2.1188

Deuteranomaly

202.7590, 8.9928, 8.9814

Tritanomaly

202.1570, 5.3456, 12.1403

Monochromacy



Original Color

202.7810, 8.9820, 12.4701

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7810, 8.9820, 12.4701 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(217, 192, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 221)  
}
```

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(217, 192, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 221) }
```

Border

The CSS property to change the border of an element to YUV 202.7810, 8.9820, 12.4701 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(217, 192, 221) }
```


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

```
.border{ border-color:rgb(217, 192, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 192, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 192, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 192, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 192,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 202.7810, 8.9820, 12.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 221) }
```

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

```
.background{ background-color: rgb(217,  
192, 221) }
```

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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