

Converting Colors

YUV(180.8210, 21.7802,
14.1890)

Have a look what the booklet for
YUV(180.8210, 21.7802, 14.1890)
contains.

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Color

**YUV(180.8210, 21.7802,
14.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A4E1
RGB	197, 164, 225
RGB Percent	77%, 64%, 88%
CMY	0.2275, 0.3569, 0.1176
CMYK	0.12, 0.27, 0.00, 0.12
HSL	272°, 50%, 76%
HSV	272°, 27%, 88%
XYZ	49.8920, 43.8575, 77.0699
YIQ	180.8210, 0.0870, 25.9670

Conversions

Conversions Part 2

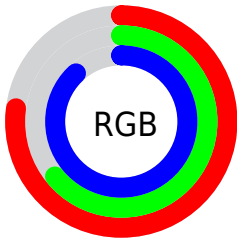
Format	Color
R_{YB}	197, 164, 225
Decimal	12952801
CIE _{Lab}	72.13, 23.45, -26.29
CIE _{LCh}	72, 35.228, 311.739
Yxy	43.8575, 0.2921, 0.2567
Android (android.graphics.Color)	4291142881 (0xFFC5A4E1)
YUV	180.8210, 21.7802, 14.1890
Hunter-Lab	66.2250, 18.5831, -22.6418

Details

The YUV color $180.8210, 21.7802, 14.1890$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $208.1790, -21.7802, -14.1890$, and the grayscale version is $181.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.5690, 10.5655, 17.9180$, and $127.8810, 20.7647, 13.2594$ is the 20% darker color. If you saturate the color by 10%, you get $164.9170, 29.6209, 19.3668$, and if you desaturate by 10%, it is $197.3120, 13.6502, 8.4964$.

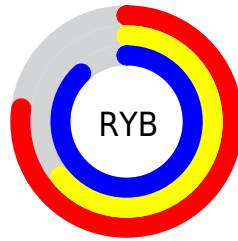
Distribution



Red (77%)

Green (64%)

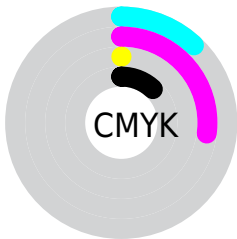
Blue (88%)



Red (77%)

Yellow (64%)

Blue (88%)

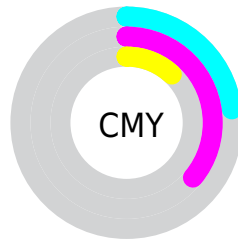


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (23%)


Magenta (36%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.8210, 21.7802, 14.1890 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 180.8210, 21.7802, 14.1890 by changing the saturation by 10% instead.


 180.8210, 21.7802,
14.1890


 180.8210, 21.7802,
14.1890


255.0000, 0.0000,
0.0000


 153.9950, 21.2015,
13.1594


 233.5690, 10.5655,
17.9180


 127.8810, 20.7647,
13.2594

 250.8910, 2.0257,
3.6036

 102.0550, 20.1859,
12.2298

 78.1150, 19.1703,
11.3001

 54.5880, 18.4441,
10.8853

 32.3490, 17.5759,
9.3409

 12.4200, 16.5549,

10.1557

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 180.8210, 21.7802,
14.1890

■ 180.8210, 21.7802,
14.1890

■ 164.9170, 29.6209,
19.3668

■ 197.3120, 13.6502,
8.4964

■ 148.1270, 37.8984,
24.4446

■ 213.5150, 5.6621,
3.9333

■ 132.2230, 45.7391,
29.6224

■ 230.0060, -2.4680,
-1.7593

■ 115.7320, 53.8691,
35.3150

■ 245.9100,
-10.3086, -6.9371

■ 99.5290, 61.8572,
39.8781

■ 249.7860,
-12.2195, -0.6893

■ 83.0380, 69.9873,
45.5707

■ 251.5800,
-13.1039, 2.9993

■ 67.1340, 77.8279,
50.7485

■ 62.1280, 80.2959,
52.5077

Harmonies

Analogous

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



176.1200, 31.4928, -21.1532



180.8210, 21.7802, 14.1890



181.7290, 8.0216, 40.5797

Triad

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



180.8210, 21.7802, 14.1890



176.4240, -29.7890, 34.7082



157.5500, 15.5049, -73.2733

Complementary

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



180.8210, 21.7802, 14.1890



208.1790, -21.7802, -14.1890

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.



164.2640, -4.0742, -46.7125



180.8210, 21.7802, 14.1890



173.5690, -29.8605, 10.9020

Square

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



180.8210, 21.7802, 14.1890



178.4010, -21.3967, 49.6373



169.7980, -20.6064, -17.3628



156.5070, 30.8090, -82.0056

Rectangle

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



180.8210, 21.7802, 14.1890



180.4500, -2.1938, 50.4714



169.7980, -20.6064, -17.3628



159.5850, 9.0786, -65.4110

Sweetspot

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



180.8210, 21.7802, 14.1890



240.5690, 7.1145, 4.7630



187.3900, 18.5417, -20.5130



118.5750, 4.6465, 3.0037



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.



180.8210, 21.7802, 14.1890



194.0310, 30.0577, 19.2668



188.9650, 16.7793, 31.6027



104.0480, 3.9203, 2.5889



48.4690, 62.8728, 40.8077



13.2460, 17.1337, 11.1853

Inverse Universe

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



185.4310, 3.2385, 34.7020



200.4480, 4.2161, 47.8421



200.0350, -16.7793, -31.6027



104.8590, 0.5625, 6.2627



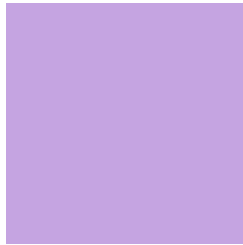
61.8580, 9.4370, 100.1025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 180.8210, 21.7802, 14.1890 looks on a white background.

Color Contrast Check

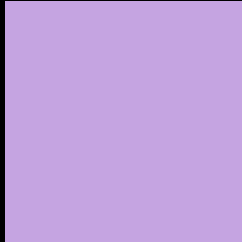
Large Text (above 18pt) WCAG AA × Fail

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 180.8210, 21.7802, 14.1890 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 180.8210, 21.7802, 14.1890 Background



This preview shows how black text looks on a background with the YUV color 180.8210, 21.7802, 14.1890.



This preview shows how white text looks on a background with the YUV color 180.8210, 21.7802, 14.1890.

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

180.8210, 21.7802, 14.1890

Protanopia

177.4260, 27.3980, -14.4056

Deuteranopia

178.3900, 21.9927, -7.3580



Tritanopia

179.1630, 2.8776, 10.3810

Trichromacy



Original Color

180.8210, 21.7802, 14.1890

Protanomaly

178.6230, 25.3289, -4.0544

Deuteranomaly

179.1460, 22.1130, 0.7490

Tritanomaly

179.7100, 10.0030, 11.6553

Monochromacy



Original Color

180.8210, 21.7802, 14.1890

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0960, 7.8407, 5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8210, 21.7802, 14.1890 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(197, 164, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 225)  
}
```

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(197, 164, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 225) }
```

Border

The CSS property to change the border of an element to YUV 180.8210, 21.7802, 14.1890 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(197, 164, 225) }
```


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

```
.border{ border-color:rgb(197, 164, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 164, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 164, 225); box-shadow:4px 4px 4px 4px rgb(197, 164, 225) }
```

Background

The CSS property to change the background color of an element to YUV 180.8210, 21.7802, 14.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 225) }
```

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

```
.background{ background-color: rgb(197,  
164, 225) }
```

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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