

Converting Colors

YUV(115.7910, 43.9800,
-12.9717)

Have a look what the booklet for
YUV(115.7910, 43.9800, -12.9717)
contains.

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Color

**YUV(115.7910, 43.9800,
-12.9717)**

Conversions

Conversions Part 1	
Format	Color
Hex	656ACD
RGB	101, 106, 205
RGB Percent	40%, 42%, 80%
CMY	0.6039, 0.5843, 0.1961
CMYK	0.51, 0.48, 0.00, 0.20
HSL	237°, 51%, 60%
HSV	237°, 51%, 80%
XYZ	21.5403, 17.4825, 59.9968
YIQ	115.7910, -34.7590, 29.7290

Conversions

Conversions Part 2

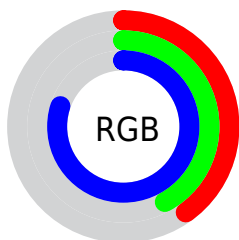
Format	Color
RYB	101, 106, 205
Decimal	6646477
CIELab	48.86, 25.26, -52.13
CIELCh	49, 57.932, 295.853
Yxy	17.4825, 0.2175, 0.1766
Android (android.graphics.Color)	4284836557 (0xFF656ACD)
YUV	115.7910, 43.9800, -12.9717
Hunter-Lab	41.8121, 18.7864, -55.8075

Details

The YUV color **115.7910, 43.9800, -12.9717** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **190.2090, -43.9800, 12.9717**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4710, 42.6588, -9.1831**, and **63.6930, 42.5494, -20.7788** is the 20% darker color. If you saturate the color by 10%, you get **98.0710, 52.7160, -14.9713**, and if you desaturate by 10%, it is **133.8100, 35.0967, -10.3574**.

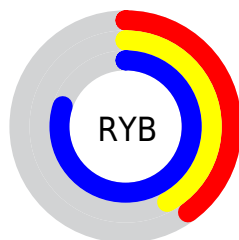
Distribution



Red (40%)

Green (42%)

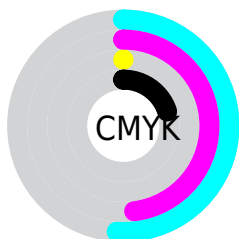
Blue (80%)



Red (40%)

Yellow (42%)

Blue (80%)

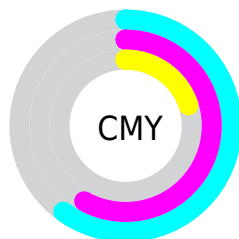


Cyan (51%)

Magenta (48%)

Yellow (0%)

Black (20%)



Cyan (60%)


Magenta (58%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.7910, 43.9800, -12.9717 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 115.7910, 43.9800, -12.9717 by changing the saturation by 10% instead.

 115.7910, 43.9800,
-12.9717


 115.7910, 43.9800,
-12.9717


255.0000, 0.0000,
0.0000


 89.8400, 42.9699,
-15.6457


 168.4710, 42.6588,
-9.1831


 63.6930, 42.5494,
-20.7788


 192.9910, 30.5704,
-5.2541


 36.4420, 43.1661,
-31.9596

 218.0980, 18.1927,
-1.8399

 21.7380, 37.5972,
-19.0642

 243.2050, 5.8149,
1.5742

 8.4360, 32.3231,
-7.3984

 8.0480, 20.6823,
-7.0581

 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 115.7910, 43.9800,
-12.9717

■ 115.7910, 43.9800,
-12.9717

■ 98.0710, 52.7160,
-14.9713

■ 133.8100, 35.0967,
-10.3574

■ 80.6390, 61.3100,
-18.1004

■ 150.9430, 26.6501,
-7.8430

■ 62.6200, 70.1933,
-20.7147

■ 168.9620, 17.7667,
-5.2287

■ 45.4870, 78.6399,
-23.2291

■ 186.0950, 9.3202,
-2.7143

■ 29.2400, 86.6497,
-25.6435

■ 204.1140, 0.4368,
-0.1000

■ 221.2470, -8.0098,
2.4144

■ 239.2660,
-16.8931, 5.0287

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



97.1840, 57.5903, -85.2304



115.7910, 43.9800, -12.9717



118.5610, 26.3454, 43.3580

Triad

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



115.7910, 43.9800, -12.9717



111.1840, -39.0377, 61.2286



93.2040, 6.8014, -81.7399

Complementary

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



115.7910, 43.9800, -12.9717



190.2090, -43.9800, 12.9717

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.



88.7440, -15.6498, -67.3045



115.7910, 43.9800, -12.9717



108.5120, -53.4964, 32.0000

Square

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



115.7910, 43.9800, -12.9717



110.4400, -16.9789, 79.4211



103.9480, -48.2884, -5.2164



99.0180, 29.0781, -86.8388

Rectangle

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



115.7910, 43.9800, -12.9717



114.5720, 13.0290, 67.9044



103.9480, -48.2884, -5.2164



90.6790, -0.3347, -79.5255

Sweetspot

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



115.7910, 43.9800, -12.9717



222.5060, 16.0195, -4.8288



173.3340, 13.1463, -63.4369



108.2090, 9.7570, -2.8143



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.



115.7910, 43.9800, -12.9717



121.4800, 65.8254, -19.7150



126.9090, 38.4989, 18.4968



93.1400, 4.3680, -0.9998



23.6200, 70.1933, -20.7147



5.5060, 16.0195, -4.8288

Inverse Universe

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



132.6660, -13.1463, 63.4369



146.5560, -19.5011, 95.1054



179.0910, -38.4989, -18.4968



94.9900, -1.4741, 6.1478



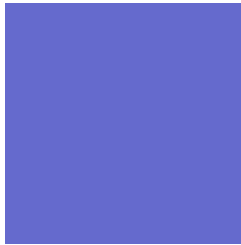
50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 115.7910, 43.9800, -12.9717 looks on a white background.

Color Contrast Check

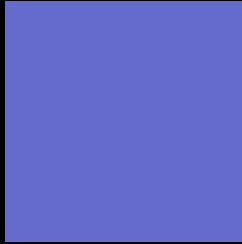
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.7910, 43.9800, -12.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

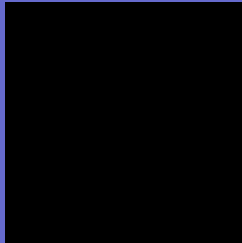
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.7910, 43.9800, -12.9717

Background



This preview shows how black text looks on a background with the YUV color 115.7910, 43.9800, -12.9717.



This preview shows how white text looks on a background with the YUV color 115.7910, 43.9800, -12.9717.

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

115.7910, 43.9800, -12.9717

Protanopia

110.2330, 50.1711, -38.7923

Deuteranopia

104.8630, 47.8885, -53.3769



Tritanopia

110.6850, 11.0013, -28.6647

Trichromacy



Original Color
115.7910, 43.9800, -12.9717

Protanomaly
112.0170, 47.8126, -28.9559

Deuteranomaly
108.9080, 46.3874, -38.5073

Tritanomaly
112.5190, 22.9151, -23.2572

Monochromacy



Original Color
115.7910, 43.9800, -12.9717

Achromatopsia
116.0000, 0.0000, 0.0000

Achromatomaly
115.8050, 15.8721, -4.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7910, 43.9800, -12.9717 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(101, 106, 205)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 205)  
}
```

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(101, 106, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 205) }
```

Border

The CSS property to change the border of an element to YUV 115.7910, 43.9800, -12.9717 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(101, 106, 205) }
```


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

```
.border{ border-color:rgb(101, 106, 205) }
```

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

Here you see how a box with a 4 pixel rgb(101, 106, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 205);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 115.7910, 43.9800, -12.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 205) }
```

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

```
.background{ background-color: rgb(101,  
106, 205) }
```

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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