

Converting Colors

YUV(115.1950, 21.1029,
-1.9250)

Have a look what the booklet for
YUV(115.1950, 21.1029, -1.9250)
contains.

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Color

**YUV(115.1950, 21.1029,
-1.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	716C9E
RGB	113, 108, 158
RGB Percent	44%, 42%, 62%
CMY	0.5569, 0.5765, 0.3804
CMYK	0.28, 0.32, 0.00, 0.38
HSL	246°, 20%, 52%
HSV	246°, 32%, 62%
XYZ	18.3442, 16.7045, 34.6052
YIQ	115.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

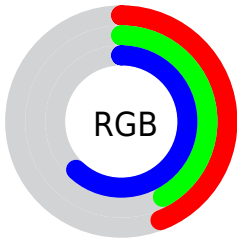
Format	Color
R_{YB}	113, 108, 158
Decimal	7433374
CIE _{Lab}	47.89, 13.58, -26.34
CIE _{LCh}	48, 29.635, 297.278
Yxy	16.7045, 0.2634, 0.2398
Android (android.graphics.Color)	4285623454 (0xFF716C9E)
YUV	115.1950, 21.1029, -1.9250
Hunter-Lab	40.8711, 8.5918, -21.5906

Details

The YUV color **115.1950, 21.1029, -1.9250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.8050, -21.1029, 1.9250**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2490, 22.5552, -1.0954**, and **66.7280, 19.3611, -3.2695** is the 20% darker color. If you saturate the color by 10%, you get **101.6170, 27.7968, -2.2951**, and if you desaturate by 10%, it is **128.7730, 14.4089, -1.5549**.

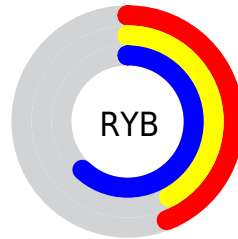
Distribution



Red (44%)

Green (42%)

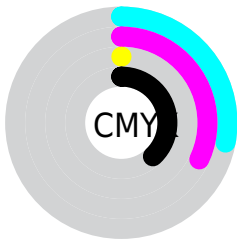
Blue (62%)



Red (44%)

Yellow (42%)

Blue (62%)

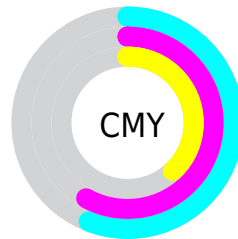


Cyan (28%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1950, 21.1029, -1.9250 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 115.1950, 21.1029, -1.9250 by changing the saturation by 10% instead.

■ 115.1950, 21.1029,
-1.9250

■ 115.1950, 21.1029,
-1.9250

■ 255.0000, 0.0000,
0.0000

■ 90.6680, 20.3767,
-2.3398

■ 167.2490, 22.5552,
-1.0954

■ 66.7280, 19.3611,
-3.2695

■ 194.3630, 22.9920,
-1.1954

■ 43.9020, 18.7823,
-4.2991

■ 221.0660, 16.7295,
0.8191

■ 22.3640, 18.0615,
-6.4582

■ 245.8740, 4.4991,
3.6185

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 115.1950, 21.1029,
-1.9250

■ 115.1950, 21.1029,
-1.9250

■ 101.6170, 27.7968,
-2.2951

■ 128.7730, 14.4089,
-1.5549

■ 88.0390, 34.4908,
-2.6652

■ 142.3510, 7.7150,
-1.1848

■ 74.7490, 41.0427,
-4.1649

■ 155.6410, 1.1630,
0.3148

■ 61.1710, 47.7367,
-4.5350

■ 169.2190, -5.5310,
0.6849

■ 47.5930, 54.4307,
-4.9051

■ 182.7970,
-12.2249, 1.0550

■ 34.0150, 61.1246,
-5.2752

■ 196.3750,
-18.9189, 1.4251

■ 22.7960, 66.6556,
-5.9601

■ 210.2520,
-25.7602, 2.4100

■ 223.2430,
-32.1648, 3.2949

■ 236.8210,
-38.8588, 3.6650

Harmonies

Analogous

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



108.7890, 26.7260, -32.2640



115.1950, 21.1029, -1.9250



116.9440, 11.8596, 22.8511

Triad

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



115.1950, 21.1029, -1.9250



113.8180, -20.6163, 32.6086



99.3480, 5.2514, -51.1712

Complementary

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



115.1950, 21.1029, -1.9250



150.8050, -21.1029, 1.9250

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.



105.6150, -9.6702, -25.0954



115.1950, 21.1029, -1.9250



111.8070, -24.0619, 17.7093

Square

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



115.1950, 21.1029, -1.9250



114.9790, -11.3286, 40.3604



109.2990, -20.3604, -2.8932



89.4660, 22.9413, -78.4617

Rectangle

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



115.1950, 21.1029, -1.9250



116.3600, 4.2595, 33.8873



109.2990, -20.3604, -2.8932



101.7360, 0.1302, -41.8645

Sweetspot

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



115.1950, 21.1029, -1.9250



190.7640, 8.0043, -0.6700



140.1150, 8.8173, -28.1649



94.6670, 5.0942, -0.5850



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.1950, 21.1029, -1.9250



139.3980, 33.3278, -2.9800



122.6700, 17.4177, 13.4444



72.2110, 3.3470, -0.1850



20.4880, 60.3984, -5.6900



2.3080, 6.2572, -0.2701

Inverse Universe

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



128.0800, 12.2856, 26.2398



159.7150, 19.3675, 41.4689



143.3300, -17.4177, -13.4444



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 115.1950, 21.1029, -1.9250 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 115.1950, 21.1029, -1.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.1950, 21.1029, -1.9250

Background



This preview shows how black text looks on a background with the YUV color 115.1950, 21.1029, -1.9250.



This preview shows how white text looks on a background with the YUV color 115.1950, 21.1029, -1.9250.

-1.9250.

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

115.1950, 21.1029, -1.9250

Protanopia

113.4000, 23.4668, -13.5058

Deuteranopia

113.2430, 21.5722, -12.4911



Tritanopia

113.3350, 5.2578, -6.4328

Trichromacy



Original Color

115.1950, 21.1029, -1.9250

Protanomaly

114.1940, 22.5824, -9.8171

Deuteranomaly

114.1510, 21.1246, -8.9024

Tritanomaly

113.8390, 10.9254, -4.2438

Monochromacy



Original Color

115.1950, 21.1029, -1.9250

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1950, 21.1029, -1.9250 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(113, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(113, 108, 158)  
}
```

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(113, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 108, 158) }
```

Border

The CSS property to change the border of an element to YUV 115.1950, 21.1029, -1.9250 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(113, 108, 158) }
```


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

```
.border{ border-color:rgb(113, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(113, 108,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 115.1950, 21.1029, -1.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 108, 158) }
```

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

```
.background{ background-color: rgb(113,  
108, 158) }
```

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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