

Converting Colors

YUV(57.1210, -20.2727,
15.6799)

Have a look what the booklet for
YUV(57.1210, -20.2727, 15.6799)
contains.

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Color

**YUV(57.1210, -20.2727,
15.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3810
RGB	75, 56, 16
RGB Percent	29%, 22%, 6%
CMY	0.7059, 0.7804, 0.9373
CMYK	0.00, 0.25, 0.79, 0.71
HSL	41°, 65%, 18%
HSV	41°, 79%, 29%
XYZ	4.4094, 4.3616, 1.0997
YIQ	57.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

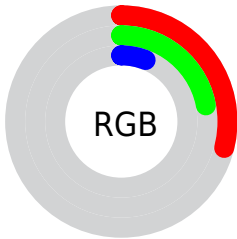
Format	Color
RYB	44, 75, 16
Decimal	4929552
CIELab	24.83, 3.66, 27.17
CIElCh	25, 27.414, 82.336
Yxy	4.3616, 0.4467, 0.4419
Android (android.graphics.Color)	4283119632 (0xFF4B3810)
YUV	57.1210, -20.2727, 15.6799
Hunter-Lab	20.8845, 1.1390, 11.4972

Details

The YUV color **57.1210, -20.2727, 15.6799** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **33.8790, 20.2727, -15.6799**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0890, -21.7359, 18.3389**, and **16.2910, -8.0315, 9.3918** is the 20% darker color. If you saturate the color by 10%, you get **55.1490, -22.7515, 17.4093**, and if you desaturate by 10%, it is **59.2070, -17.3571, 13.8505**.

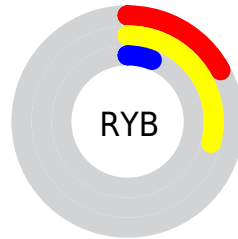
Distribution



Red (29%)

Green (22%)

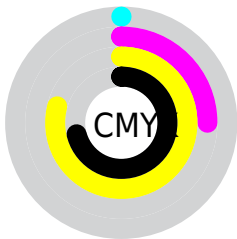
Blue (6%)



Red (17%)

Yellow (29%)

Blue (6%)

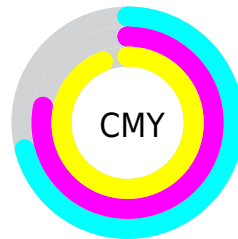


Cyan (0%)

Magenta (25%)

Yellow (79%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1210, -20.2727, 15.6799 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 57.1210, -20.2727, 15.6799 by changing the saturation by 10% instead.

■ 57.1210, -20.2727,
15.6799

■ 57.1210, -20.2727,
15.6799

■ 253.7460, -4.8048,
1.0998

■ 36.0930, -17.7938,
13.9504

■ 105.0890,
-21.7359, 18.3389

■ 16.2910, -8.0315,
9.3918

■ 130.4590,
-22.9043, 19.7685

■ 0.0000, 0.0000,
0.0000

■ 156.9430,
-23.6359, 21.0980

■ 183.4270,
-24.3675, 22.4275

■ 211.3130,
-24.8043, 22.5275

■ 236.2090,

-23.7670, 16.4797

■ 250.5540,
-17.0351, 3.8991

■ 57.1210, -20.2727,
15.6799

■ 57.1210, -20.2727,
15.6799

■ 55.1490, -22.7515,
17.4093

■ 59.2070, -17.3571,
13.8505

■ 52.4760, -25.3777,
19.7535

■ 61.7660, -15.1676,
11.6062

■ 52.3620, -25.8145,
19.8535

■ 63.8520, -12.2520,
9.7768

■ 66.4110, -10.0626,
7.5326

■ 68.4970, -7.1470,
5.7031

■ 70.4690, -4.6682,
3.9737

■ 73.1420, -2.0420,
1.6295

■ 75.1140, 0.4368,
-0.1000

■ 77.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



58.1640, -15.3639, 27.9202



57.1210, -20.2727, 15.6799



54.8910, -18.1873, 0.0956

Triad

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



57.1210, -20.2727, 15.6799



48.9390, 12.3551, -42.9195



60.7860, 11.4445, 15.9737

Complementary

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



57.1210, -20.2727, 15.6799



33.8790, 20.2727, -15.6799

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.



59.1790, 18.6458, -7.1730



57.1210, -20.2727, 15.6799



49.7030, 20.3594, -43.5895

Square

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



57.1210, -20.2727, 15.6799



46.5450, 3.1823, -40.8200



48.3810, 25.4482, -42.4301



59.5830, 2.6706, 30.1837

Rectangle

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



57.1210, -20.2727, 15.6799



53.4810, -13.0551, -12.6998



48.3810, 25.4482, -42.4301



60.8390, 14.3764, 8.9112

Sweetspot

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



57.1210, -20.2727, 15.6799



89.6820, -7.7312, 6.4179



35.9210, 0.0389, 34.2723



44.0560, -4.9576, 3.4589



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



57.1210, -20.2727, 15.6799



69.6030, -31.3563, 24.0272



65.2840, -24.2970, -0.2491



36.9570, -1.4578, 0.9147



71.0010, -35.0035, 27.1861



160.3420, -79.0486, 61.0901

Inverse Universe

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



33.8790, 20.2727, -15.6799



33.3970, 31.3563, -24.0272



25.7160, 24.2970, 0.2491



35.6300, 1.1684, -1.4295



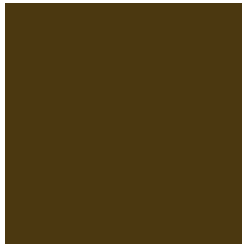
30.9990, 35.0035, -27.1861



69.6580, 79.0486, -61.0901

Previews

White Background



This preview shows how the YUV color 57.1210, -20.2727, 15.6799 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 ✓ Pass

Black Background



This preview shows how the YUV color 57.1210, -20.2727, 15.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

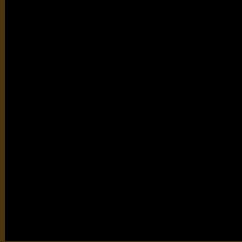
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1210, -20.2727, 15.6799

Background



This preview shows how black text looks on a background with the YUV color 57.1210, -20.2727, 15.6799.



This preview shows how white text looks on a background with the YUV color 57.1210, -20.2727,

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

57.1210, -20.2727, 15.6799

Protanopia

56.3050, -19.3774, 8.5025

Deuteranopia

56.8220, -20.1252, 15.0651



Tritanopia

60.2300, -2.0854, 15.5843

Trichromacy



Original Color

57.1210, -20.2727, 15.6799

Protanomaly

56.6150, -19.5302, 10.8616

Deuteranomaly

56.8220, -20.1252, 15.0651

Tritanomaly

58.8080, -8.7793, 15.9544

Monochromacy



Original Color

57.1210, -20.2727, 15.6799

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1210, -20.2727, 15.6799 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(75, 56, 16)` looks like.

```
.text, #text, p{  
    color:rgb(75, 56, 16)  
}
```

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(75, 56, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 56, 16) }
```

Border

The CSS property to change the border of an element to YUV 57.1210, -20.2727, 15.6799 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(75, 56, 16) }
```


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

```
.border{ border-color:rgb(75, 56, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 56, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 56, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 56, 16);  
box-shadow:4px 4px 4px 4px rgb(75, 56, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.1210, -20.2727, 15.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 56, 16) }
```

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

```
.background{ background-color: rgb(75, 56,  
16) }
```

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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