

Converting Colors

YUV(47.6610, -9.1999, 10.8213)

Have a look what the booklet for
YUV(47.6610, -9.1999, 10.8213)
contains.

YUV(47.6610, -9.1999, 10.8213)	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(47.6610, -9.1999,
10.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2D1D
RGB	60, 45, 29
RGB Percent	24%, 18%, 11%
CMY	0.7647, 0.8235, 0.8863
CMYK	0.00, 0.25, 0.52, 0.76
HSL	31°, 35%, 17%
HSV	31°, 52%, 24%
XYZ	3.0236, 2.9261, 1.5678
YIQ	47.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

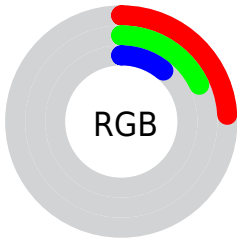
Format	Color
RYB	58, 60, 29
Decimal	3943709
CIELab	19.75, 4.35, 12.97
CIElCh	20, 13.684, 71.453
Yxy	2.9261, 0.4022, 0.3892
Android (android.graphics.Color)	4282133789 (0xFF3C2D1D)
YUV	47.6610, -9.1999, 10.8213
Hunter-Lab	17.1060, 1.6161, 6.5400

Details

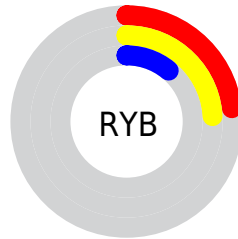
The YUV color **47.6610, -9.1999, 10.8213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.3390, 9.1999, -10.8213**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0310, -10.3683, 12.2508**, and **2.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **45.2160, -10.9525, 12.9656**, and if you desaturate by 10%, it is **50.1060, -7.4473, 8.6770**.

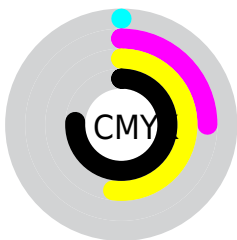
Distribution



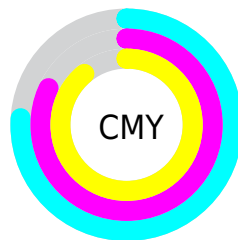
- Red (24%)
- Green (18%)
- Blue (11%)



- Red (23%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (76%)



- Cyan (76%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6610, -9.1999, 10.8213 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 47.6610, -9.1999, 10.8213 by changing the saturation by 10% instead.

■ 47.6610, -9.1999,
10.8213

■ 47.6610, -9.1999,
10.8213

■ 255.0000, 0.0000,
0.0000

■ 25.9060, -10.7997,
10.6064

■ 94.0310, -10.3683,
12.2508

■ 2.3920, -1.1793,
4.9182

■ 118.6290,
-10.6631, 13.4804

■ 0.0000, 0.0000,
0.0000

■ 144.4010,
-11.5367, 13.6803


■ 170.9990,
-11.8315, 14.9099


■ 198.2980,
-11.9789, 15.5247


■ 226.1840,


-12.4157, 15.6246


 249.6880,
-10.1992, 4.6586


 47.6610, -9.1999,
10.8213


 47.6610, -9.1999,
10.8213


 45.2160, -10.9525,
12.9656


 50.1060, -7.4473,
8.6770


 42.7710, -12.7051,
15.1098


 52.5510, -5.6946,
6.5328


 40.3260, -14.4577,
17.2541

 54.9960, -3.9420,
4.3885

 37.8810, -16.2103,
19.3984

 57.4410, -2.1894,
2.2442

 36.1370, -17.8155,
20.9279

 59.8860, -0.4368,
0.1000

■ 61.7440, 1.6052,
-1.5295

■ 64.1890, 3.3578,
-3.6738

■ 66.6340, 5.1104,
-5.8180

■ 69.0790, 6.8631,
-7.9623

Harmonies

Analogous

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



48.3780, -6.5954, 15.4545



47.6610, -9.1999, 10.8213



46.6170, -9.1782, 3.8439

Triad

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



47.6610, -9.1999, 10.8213



42.0080, 4.4331, -21.9320



49.1560, 6.8251, 4.2482

Complementary

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



47.6610, -9.1999, 10.8213



41.3390, 9.1999, -10.8213

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.



47.1870, 9.7678, -6.3030



47.6610, -9.1999, 10.8213



42.2510, 9.2433, -24.7761

Square

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



47.6610, -9.1999, 10.8213



44.1570, -1.5564, -14.1697



44.9360, 10.3846, -17.4839



49.0600, 2.4354, 12.2254

Rectangle

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



47.6610, -9.1999, 10.8213



45.9260, -7.8515, -1.6891



44.9360, 10.3846, -17.4839



48.7750, 7.9989, 1.0743

Sweetspot

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



47.6610, -9.1999, 10.8213



73.9960, -3.9420, 4.3885



40.0930, 2.4192, 17.4584



37.7400, -2.3368, 2.8590



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



47.6610, -9.1999, 10.8213



59.3260, -14.4577, 17.2541



56.4660, -13.5407, 3.0993



29.4840, -0.7316, 1.3295



56.8690, -28.0364, 32.5639



133.8830, -66.0043, 77.2786

Inverse Universe

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



41.3390, 9.1999, -10.8213



49.6740, 14.4577, -17.2541



32.5340, 13.5407, -3.0993



28.9290, 1.0210, -0.8147



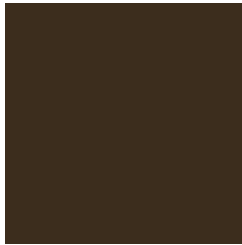
37.7180, 27.7470, -33.0787



88.1170, 66.0043, -77.2786

Previews

White Background



This preview shows how the YUV color 47.6610, -9.1999, 10.8213 looks on a white background.

Color Contrast Check

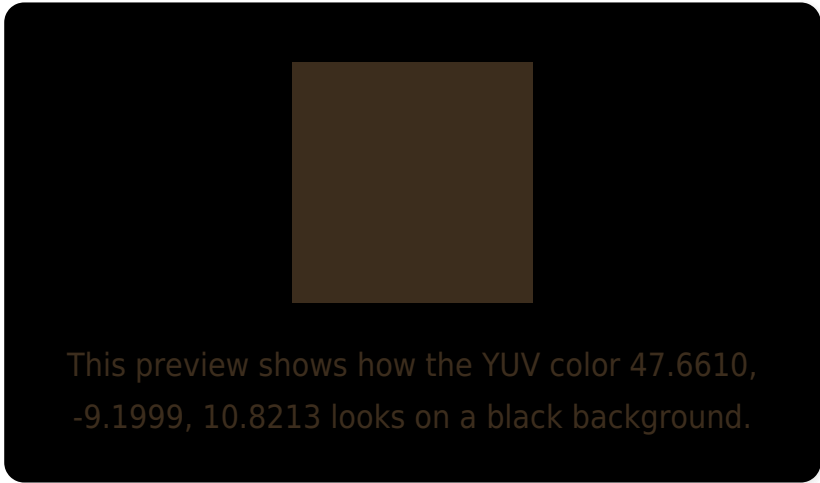
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 47.6610, -9.1999, 10.8213

Background



This preview shows how black text looks on a background with the YUV color 47.6610, -9.1999, 10.8213.

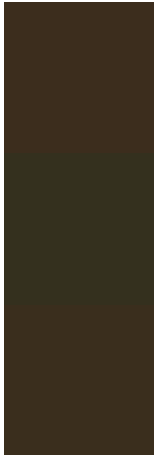


This preview shows how white text looks on a background with the YUV color 47.6610, -9.1999,

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

47.6610, -9.1999, 10.8213

Protanopia

47.1440, -8.4520, 4.2587

Deuteranopia

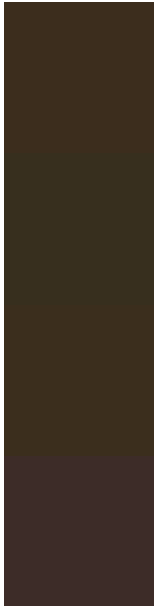
47.6500, -9.1944, 9.0770



Tritanopia

48.7240, -1.3429, 10.7661

Trichromacy



Original Color

47.6610, -9.1999, 10.8213

Protanomaly

47.4540, -8.6048, 6.6178

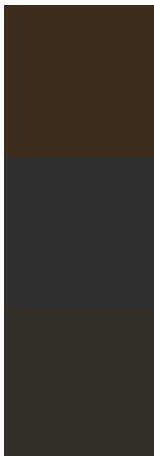
Deuteranomaly

47.9490, -9.3419, 9.6917

Tritanomaly

48.6270, -4.2531, 10.8511

Monochromacy



Original Color

47.6610, -9.1999, 10.8213

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8110, -3.3578, 3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6610, -9.1999, 10.8213 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(60, 45, 29)` looks like.

```
.text, #text, p{  
    color:rgb(60, 45, 29)  
}
```

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(60, 45, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 45, 29) }
```

Border

The CSS property to change the border of an element to YUV 47.6610, -9.1999, 10.8213 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(60, 45, 29) }
```


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

```
.border{ border-color:rgb(60, 45, 29) }
```

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

Here you see how a box with a 4 pixel rgb(60, 45, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 45, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 45, 29);  
box-shadow:4px 4px 4px 4px rgb(60, 45, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6610, -9.1999, 10.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 45, 29) }
```

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

```
.background{ background-color: rgb(60, 45,  
29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor