

Converting Colors

YUV(66.3210, -10.0183,
40.0605)

Have a look what the booklet for
YUV(66.3210, -10.0183, 40.0605)
contains.

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Color

**YUV(66.3210, -10.0183,
40.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	702F2E
RGB	112, 47, 46
RGB Percent	44%, 18%, 18%
CMY	0.5608, 0.8157, 0.8196
CMYK	0.00, 0.58, 0.59, 0.56
HSL	1°, 42%, 31%
HSV	1°, 59%, 44%
XYZ	8.1917, 5.6750, 3.2484
YIQ	66.3210, 39.0610, 13.4690

Conversions

Conversions Part 2

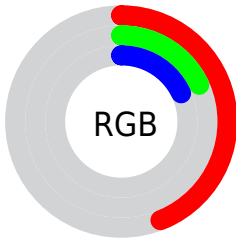
Format	Color
R_{YB}	112, 47, 46
Decimal	7352110
CIE Lab	28.58, 28.72, 14.83
CIE LCh	29, 32.318, 27.310
Yxy	5.6750, 0.4786, 0.3316
Android (android.graphics.Color)	4285542190 (0xFF702F2E)
YUV	66.3210, -10.0183, 40.0605
Hunter-Lab	23.8223, 19.6915, 8.5909

Details

The YUV color **66.3210, -10.0183, 40.0605** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.6790, 10.0183, -40.0605**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1860, -11.9237, 44.5639**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **58.6100, -11.6397, 46.8230**, and if you desaturate by 10%, it is **74.0320, -8.3968, 33.2979**.

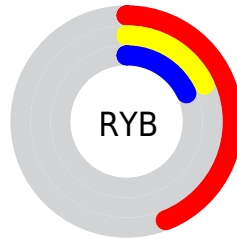
Distribution



Red (44%)

Green (18%)

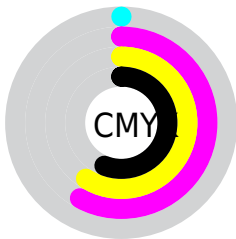
Blue (18%)



Red (44%)

Yellow (18%)

Blue (18%)

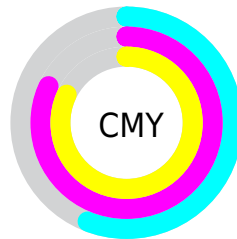


Cyan (0%)

Magenta (58%)

Yellow (59%)

Black (56%)



Cyan (56%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3210, -10.0183, 40.0605 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 66.3210, -10.0183, 40.0605 by changing the saturation by 10% instead.

■ 66.3210, -10.0183,
40.0605

■ 66.3210, -10.0183,
40.0605

■ 255.0000, 0.0000,
0.0000

■ 41.7660, -8.2656,
37.9162

■ 116.1860,
-11.9237, 44.5639

■ 17.9400, -8.8444,
36.8866

■ 142.8550,
-13.2395, 46.6082

■ 10.8780, -4.8699,
22.0320

■ 169.7520,
-13.6817, 48.4525

■ 0.0000, 0.0000,
0.0000

■ 197.2360,
-14.4133, 49.7820

■ 217.1630,
-10.4334, 33.1830

■ 236.6770, -6.7428,

16.0693

254.6580, -1.3104,
0.2999

■ 66.3210, -10.0183,
40.0605

■ 66.3210, -10.0183,
40.0605

■ 58.6100, -11.6397,
46.8230

■ 74.0320, -8.3968,
33.2979

■ 50.8990, -13.2612,
53.5856

■ 81.7430, -6.7753,
26.5354

■ 43.0740, -15.3195,
60.4481

■ 89.5680, -4.7170,
19.6729

■ 35.3630, -16.9410,
67.2106

■ 97.2790, -3.0955,
12.9103

■ 34.6620, -17.0884,
67.8254

■ 104.9900, -1.4741,
6.1478

■ 112.7010, 0.1474,
-0.6148

■ 120.4120, 1.7689,
-7.3773

■ 128.2370, 3.8272,
-14.2398

■ 135.9480, 5.4486,
-21.0024

Harmonies

Analogous

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



67.6980, 1.6279, 37.9759



66.3210, -10.0183, 40.0605



65.9210, -20.1741, 30.7643

Triad

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



66.3210, -10.0183, 40.0605



56.8210, -8.7858, -28.7840



55.0150, 30.5586, -48.2482

Complementary

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



66.3210, -10.0183, 40.0605



91.6790, 10.0183, -40.0605

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.



57.6250, 25.3279, -50.5371



66.3210, -10.0183, 40.0605



53.6690, 5.0932, -47.0677

Square

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



66.3210, -10.0183, 40.0605



62.4730, -20.9392, -3.9228



56.6330, 16.4499, -49.6671



68.2980, 21.5451, -3.7693

Rectangle

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



66.3210, -10.0183, 40.0605



65.1280, -24.2201, 21.8127



56.6330, 16.4499, -49.6671



56.0750, 29.5430, -49.1778

Sweetspot

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



66.3210, -10.0183, 40.0605



127.3610, -4.1220, 15.4694



73.2580, 19.0998, 33.9767



62.7840, -2.3585, 9.8364



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



66.3210, -10.0183, 40.0605



73.9710, -15.7617, 62.2924



85.1050, -19.2788, 23.5869



52.3810, -1.1738, 3.1739



37.0540, -18.2676, 72.7436



76.2010, -37.5671, 149.7907

Inverse Universe

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



91.6790, 10.0183, -40.0605



113.6160, 15.4723, -62.8072



72.8950, 19.2788, -23.5869



54.2060, 0.8844, -3.6887



82.9460, 18.2676, -72.7436



171.3860, 37.2777, -150.3055

Previews

White Background



This preview shows how the YUV color 66.3210, -10.0183, 40.0605 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 66.3210, -10.0183, 40.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

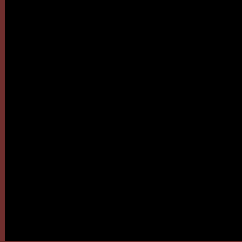
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3210, -10.0183, 40.0605

Background



This preview shows how black text looks on a background with the YUV color 66.3210, -10.0183, 40.0605.

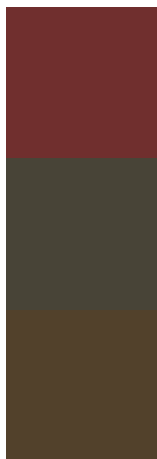


This preview shows how white text looks on a background with the YUV color 66.3210, -10.0183,

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

66.3210, -10.0183, 40.0605

Protanopia

67.7140, -6.2680, 3.7588

Deuteranopia

67.5750, -12.1155, 12.6507



Tritanopia

66.0760, -8.4185, 40.2753

Trichromacy



Original Color

66.3210, -10.0183, 40.0605

Protanomaly

67.1610, -7.4744, 17.3988

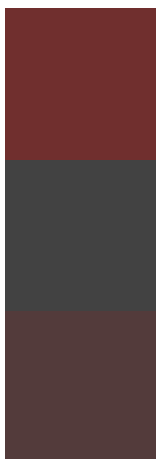
Deuteranomaly

66.8690, -11.2744, 22.9169

Tritanomaly

65.9620, -8.8553, 40.3753

Monochromacy



Original Color

66.3210, -10.0183, 40.0605

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3210, -10.0183, 40.0605 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(112, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(112, 47, 46)  
}
```

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(112, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 47, 46) }
```

Border

The CSS property to change the border of an element to YUV 66.3210, -10.0183, 40.0605 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(112, 47, 46) }
```


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

```
.border{ border-color:rgb(112, 47, 46) }
```

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

Here you see how a box with a 4 pixel rgb(112, 47, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(112, 47,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 66.3210, -10.0183, 40.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 47, 46) }
```

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

```
.background{ background-color: rgb(112, 47,  
46) }
```

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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