

Converting Colors

YUV(112.8760, -45.2949,
61.4987)

Have a look what the booklet for
YUV(112.8760, -45.2949, 61.4987)
contains.

YUV(112.8760, -45.2949, 61.4987)	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(112.8760, -45.2949,
61.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	B75F15
RGB	183, 95, 21
RGB Percent	72%, 37%, 8%
CMY	0.2824, 0.6275, 0.9176
CMYK	0.00, 0.48, 0.89, 0.28
HSL	27°, 79%, 40%
HSV	27°, 89%, 72%
XYZ	23.7560, 18.3058, 2.9908
YIQ	112.8760, 76.2020, -4.3580

Conversions

Conversions Part 2

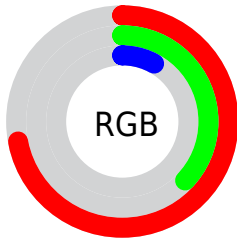
Format	Color
RYB	183, 157, 21
Decimal	12017429
CIELab	49.86, 31.05, 53.22
CIELCh	50, 61.614, 59.734
Yxy	18.3058, 0.5273, 0.4063
Android (android.graphics.Color)	4290207509 (0xFFB75F15)
YUV	112.8760, -45.2949, 61.4987
Hunter-Lab	42.7853, 24.2355, 25.8053

Details

The YUV color **112.8760, -45.2949, 61.4987** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **91.1240, 45.2949, -61.4987**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8660, -46.7689, 67.6465**, and **64.0780, -31.5905, 52.5516** is the 20% darker color. If you saturate the color by 10%, you get **104.9540, -50.2633, 68.4463**, and if you desaturate by 10%, it is **120.7980, -40.3264, 54.5512**.

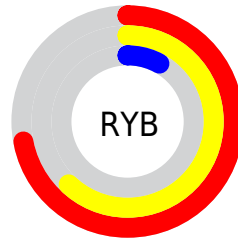
Distribution



Red (72%)

Green (37%)

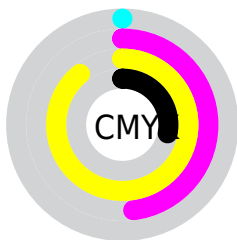
Blue (8%)



Red (72%)

Yellow (62%)

Blue (8%)

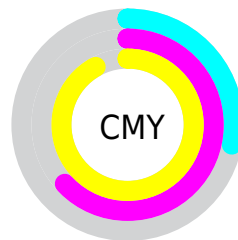


Cyan (0%)

Magenta (48%)

Yellow (89%)

Black (28%)



Cyan (28%)


Magenta (63%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.8760, -45.2949, 61.4987 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 112.8760, -45.2949, 61.4987 by changing the saturation by 10% instead.


 112.8760,
-45.2949, 61.4987


 112.8760,
-45.2949, 61.4987


255.0000, 0.0000,
0.0000

 86.8370, -42.8106,
58.0250


 167.8660,
-46.7689, 67.6465


 64.0780, -31.5905,
52.5516


 189.6690,
-44.6998, 57.2953

 41.6070, -20.5123,
45.9487

 208.4820,
-41.1566, 40.7963

 19.7340, -9.7289,
40.5753

 227.9960,
-37.4660, 23.6825

 12.9710, -5.9017,
26.3354

 246.3360,
-33.1966, 7.5983

 0.0000, 0.0000,
0.0000

 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

112.8760,
-45.2949, 61.4987

112.8760,
-45.2949, 61.4987

104.9540,
-50.2633, 68.4463

120.7980,
-40.3264, 54.5512

104.0250,
-51.2843, 69.2611

128.8340,
-34.9212, 47.5036

136.7560,
-29.9527, 40.5560

144.6780,
-24.9843, 33.6084

152.7140,
-19.5790, 26.5608

■ 160.6360,
-14.6105, 19.6132

■ 168.5580, -9.6421,
12.6656

■ 176.4800, -4.6736,
5.7180

■ 183.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



111.5500, -20.4841, 83.7096



112.8760, -45.2949, 61.4987



110.8490, -54.6486, 28.1964

Triad

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



112.8760, -45.2949, 61.4987



96.6920, 10.0118, -84.7989



119.6610, 44.5371, -4.9647

Complementary

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



112.8760, -45.2949, 61.4987



91.1240, 45.2949, -61.4987

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.



98.9110, 61.6689, -86.7449



112.8760, -45.2949, 61.4987



102.6200, 32.7253, -89.9977

Square

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



112.8760, -45.2949, 61.4987



88.0740, -12.8545, -77.2409



104.2450, 51.6442, -91.4229



119.8010, 25.7341, 52.7945

Rectangle

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



112.8760, -45.2949, 61.4987



106.8520, -52.6780, 2.7608



104.2450, 51.6442, -91.4229



113.3200, 51.6072, -32.7296

Sweetspot

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



112.8760, -45.2949, 61.4987



209.1590, -17.8264, 24.4166



79.5840, 14.9951, 90.6958



103.2270, -10.9579, 14.7099



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



112.8760, -45.2949, 61.4987



134.2590, -66.1897, 90.1039



159.8360, -68.4461, 20.3148



88.0390, -2.4842, 3.4738



88.3210, -43.5423, 59.3545



16.0030, -7.8895, 10.5214

Inverse Universe

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



91.1240, 45.2949, -61.4987



102.7410, 66.1897, -90.1039



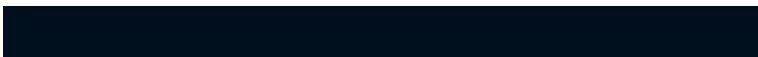
44.1640, 68.4461, -20.3148



86.9610, 2.4842, -3.4738



67.0920, 43.8316, -58.8397



11.9970, 7.8895, -10.5214

Previews

White Background



This preview shows how the YUV color 112.8760, -45.2949, 61.4987 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 112.8760, -45.2949, 61.4987 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 112.8760, -45.2949, 61.4987 Background



This preview shows how black text looks on a background with the YUV color 112.8760, -45.2949, 61.4987.



This preview shows how white text looks on a background with the YUV color 112.8760, -45.2949, 61.4987.

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

112.8760, -45.2949, 61.4987

Protanopia

112.9970, -42.3965, 18.4196

Deuteranopia

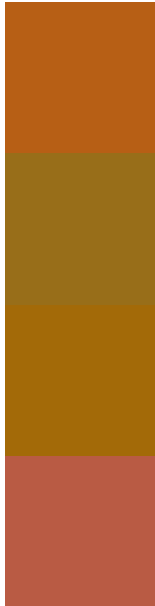
111.4800, -54.9596, 34.6590



Tritanopia

118.6870, -11.6777, 59.0335

Trichromacy



Original Color

112.8760, -45.2949, 61.4987

Protanomaly

112.8680, -43.3189, 34.3188

Deuteranomaly

111.8710, -51.2084, 44.8401

Tritanomaly

116.4840, -23.9026, 60.0885

Monochromacy



Original Color

112.8760, -45.2949, 61.4987

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6040, -16.0738, 22.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8760, -45.2949, 61.4987 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(183, 95, 21)` looks like.

```
.text, #text, p{  
    color:rgb(183, 95, 21)  
}
```

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(183, 95, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 95, 21) }
```

Border

The CSS property to change the border of an element to YUV 112.8760, -45.2949, 61.4987 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(183, 95, 21) }
```


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

```
.border{ border-color:rgb(183, 95, 21) }
```

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

Here you see how a box with a 4 pixel rgb(183, 95, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 95, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 95, 21);  
box-shadow:4px 4px 4px 4px rgb(183, 95,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 112.8760, -45.2949, 61.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 95, 21) }
```

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

```
.background{ background-color: rgb(183, 95,  
21) }
```

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