

Converting Colors

YUV(109.1930, -15.8711,
50.6967)

Have a look what the booklet for
YUV(109.1930, -15.8711, 50.6967)
contains.

YUV(109.1930, -15.8711, 50.6967)	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(109.1930, -15.8711,
50.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	A7564D
RGB	167, 86, 77
RGB Percent	65%, 34%, 30%
CMY	0.3451, 0.6627, 0.6980
CMYK	0.00, 0.49, 0.54, 0.35
HSL	6°, 37%, 48%
HSV	6°, 54%, 65%
XYZ	20.6037, 15.4069, 8.9091
YIQ	109.1930, 51.1650, 14.3730

Conversions

Conversions Part 2

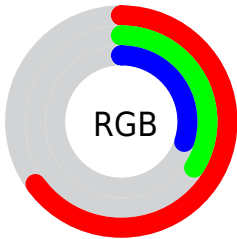
Format	Color
RYB	167, 87, 77
Decimal	10966605
CIELab	46.19, 32.31, 20.39
CIElCh	46, 38.209, 32.255
Yxy	15.4069, 0.4587, 0.3430
Android (android.graphics.Color)	4289156685 (0xFFA7564D)
YUV	109.1930, -15.8711, 50.6967
Hunter-Lab	39.2516, 25.0067, 14.0189

Details

The YUV color **109.1930, -15.8711, 50.6967** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **134.8070, 15.8711, -50.6967**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0580, -17.7766, 55.2001**, and **58.6700, -12.6553, 45.8934** is the 20% darker color. If you saturate the color by 10%, you get **98.4500, -18.9559, 60.1183**, and if you desaturate by 10%, it is **119.9360, -12.7864, 41.2751**.

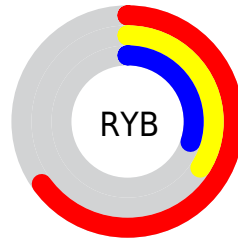
Distribution



Red (65%)

Green (34%)

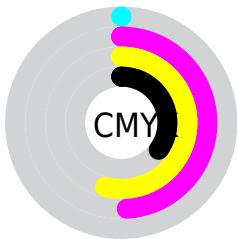
Blue (30%)



Red (65%)

Yellow (34%)

Blue (30%)

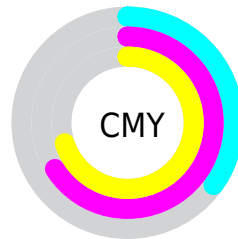


Cyan (0%)

Magenta (49%)

Yellow (54%)

Black (35%)



Cyan (35%)

Magenta (66%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1930, -15.8711, 50.6967 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 109.1930, -15.8711, 50.6967 by changing the saturation by 10% instead.

■ 109.1930,
-15.8711, 50.6967

■ 109.1930,
-15.8711, 50.6967

■ 255.0000, 0.0000,
0.0000

■ 83.5240, -14.5553,
48.6525

■ 162.0580,
-17.7766, 55.2001

■ 58.6700, -12.6553,
45.8934

■ 189.8410,
-18.6556, 57.1444

■ 32.8270, -10.7607,
44.8787

■ 209.3550,
-14.9650, 40.0307

■ 17.0430, -8.4022,
35.0423

■ 228.8690,
-11.2744, 22.9169

■ 8.7850, -3.8380,
17.7286

■ 249.0840, -7.4364,
5.1883

■ 0.0000, 0.0000,
0.0000

■ 109.1930,
-15.8711, 50.6967

■ 109.1930,
-15.8711, 50.6967

■ 98.4500, -18.9559,
60.1183

■ 119.9360,
-12.7864, 41.2751

■ 87.8210, -21.6038,
69.4400

■ 130.5650,
-10.1385, 31.9535

■ 77.0780, -24.6885,
78.8616

■ 141.3080, -7.0538,
22.5319

■ 66.3350, -27.7732,
88.2832

■ 152.0510, -3.9691,
13.1103

■ 59.9120, -29.5366,
93.9162

■ 162.6800, -1.3212,
3.7886

■ 173.4230, 1.7635,
-5.6330

■ 184.1660, 4.8482,
-15.0546

■ 194.9090, 7.9329,

-24.4762

■ 205.5380, 10.5808,
-33.7978

Harmonies

Analogous

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



110.6780, -1.3203, 50.2714



109.1930, -15.8711, 50.6967



108.4290, -27.3265, 38.2118

Triad

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



109.1930, -15.8711, 50.6967



95.7440, -8.7478, -40.9945



101.6120, 35.1943, -41.7557

Complementary

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



109.1930, -15.8711, 50.6967



134.8070, 15.8711, -50.6967

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.



89.2500, 37.3447, -78.2722



109.1930, -15.8711, 50.6967



86.0290, 12.3107, -75.4474

Square

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



109.1930, -15.8711, 50.6967



102.5280, -24.4173, -8.3561



89.6770, 26.2882, -78.6467



111.7810, 25.7440, 2.8231

Rectangle

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



109.1930, -15.8711, 50.6967



107.0160, -31.0669, 24.5420



89.6770, 26.2882, -78.6467



90.8150, 40.5172, -69.1208

Sweetspot

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



109.1930, -15.8711, 50.6967



194.8130, -6.3168, 19.4580



113.1440, 22.1140, 47.2317



96.4530, -3.6743, 11.8807



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



109.1930, -15.8711, 50.6967



126.3770, -24.8359, 79.4764



135.6080, -28.8937, 27.5308



78.9790, -1.4686, 4.4034



53.0570, -26.1571, 83.2650



7.1540, -3.5269, 11.2659

Inverse Universe

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



134.8070, 15.8711, -50.6967



166.6230, 24.8359, -79.4764



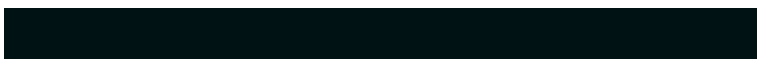
108.3920, 28.8937, -27.5308



81.0210, 1.4686, -4.4034



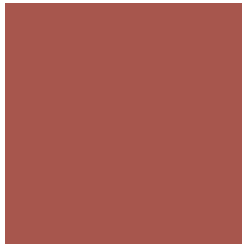
94.9430, 26.1571, -83.2650



12.8460, 3.5269, -11.2659

Previews

White Background



This preview shows how the YUV color 109.1930, -15.8711, 50.6967 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 109.1930, -15.8711, 50.6967 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 109.1930, -15.8711, 50.6967

Background



This preview shows how black text looks on a background with the YUV color 109.1930, -15.8711, 50.6967.



This preview shows how white text looks on a background with the YUV color 109.1930, -15.8711, 50.6967.

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

109.1930, -15.8711, 50.6967

Protanopia

109.4710, -11.0782, 6.6029

Deuteranopia

109.5390, -17.5207, 19.6983



Tritanopia

109.8000, -9.7614, 51.0414

Trichromacy



Original Color

109.1930, -15.8711, 50.6967

Protanomaly

109.1140, -12.8742, 22.7020

Deuteranomaly

109.4310, -16.9745, 31.1940

Tritanomaly

109.8170, -12.2348, 51.0265

Monochromacy



Original Color

109.1930, -15.8711, 50.6967

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1930, -15.8711, 50.6967 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(167, 86, 77)` looks like.

```
.text, #text, p{  
    color:rgb(167, 86, 77)  
}
```

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(167, 86, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 86, 77) }
```

Border

The CSS property to change the border of an element to YUV 109.1930, -15.8711, 50.6967 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(167, 86, 77) }
```


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

```
.border{ border-color:rgb(167, 86, 77) }
```

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

Here you see how a box with a 4 pixel rgb(167, 86, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 86, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 86, 77);  
box-shadow:4px 4px 4px 4px rgb(167, 86,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 109.1930, -15.8711, 50.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 86, 77) }
```

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

```
.background{ background-color: rgb(167, 86,  
77) }
```

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