

Converting Colors

YUV(109.4650, -11.5682,
70.6292)

Have a look what the booklet for
YUV(109.4650, -11.5682, 70.6292)
contains.

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Color

**YUV(109.4650, -11.5682,
70.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4956
RGB	190, 73, 86
RGB Percent	75%, 29%, 34%
CMY	0.2549, 0.7137, 0.6627
CMYK	0.00, 0.62, 0.55, 0.25
HSL	353°, 47%, 52%
HSV	353°, 62%, 75%
XYZ	25.2975, 16.3841, 10.6332
YIQ	109.4650, 65.5590, 28.8470

Conversions

Conversions Part 2

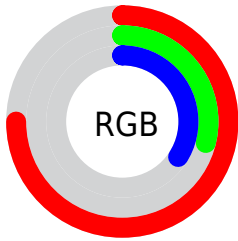
Format	Color
R_{YB}	190, 73, 86
Decimal	12470614
CIE _{Lab}	47.47, 48.03, 17.34
CIE _{LCh}	47, 51.062, 19.849
Yxy	16.3841, 0.4836, 0.3132
Android (android.graphics.Color)	4290660694 (0xFFBE4956)
YUV	109.4650, -11.5682, 70.6292
Hunter-Lab	40.4773, 40.7235, 12.7589

Details

The YUV color **109.4650, -11.5682, 70.6292** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **153.5350, 11.5682, -70.6292**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1020, -14.3473, 75.3325**, and **50.8870, -4.8743, 70.2591** is the 20% darker color. If you saturate the color by 10%, you get **96.3740, -13.4954, 82.1100**, and if you desaturate by 10%, it is **122.5560, -9.6411, 59.1484**.

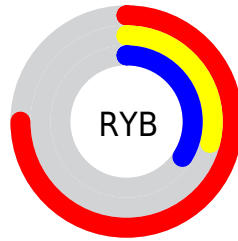
Distribution



Red (75%)

Green (29%)

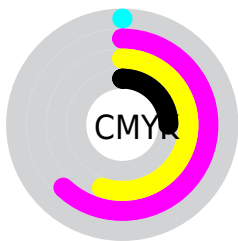
Blue (34%)



Red (75%)

Yellow (29%)

Blue (34%)

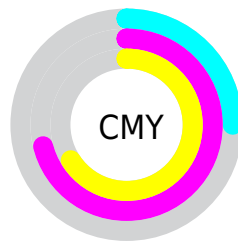


Cyan (0%)

Magenta (62%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.4650, -11.5682, 70.6292 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 109.4650, -11.5682, 70.6292 by changing the saturation by 10% instead.


 109.4650,
-11.5682, 70.6292


 109.4650,
-11.5682, 70.6292


255.0000, 0.0000,
0.0000


 82.0240, -9.3788,
68.3850


 165.1020,
-14.3473, 75.3325


 50.8870, -4.8743,
70.2591


 185.1110,
-11.3937, 61.2927


 32.8920, -5.8628,
60.6077

 204.6250, -7.7031,
44.1789

 22.1260, -10.9081,
45.4935

 224.1390, -4.0125,
27.0651

 14.5800, -6.2019,
29.3093

 244.4680, 0.2623,
9.2366

 0.0000, 0.0000,
0.0000

■ 109.4650,
-11.5682, 70.6292

■ 109.4650,
-11.5682, 70.6292

■ 96.3740, -13.4954,
82.1100

■ 122.5560, -9.6411,
59.1484

■ 83.2830, -15.4225,
93.5908

■ 135.6470, -7.7140,
47.6676

■ 70.1920, -17.3497,
105.0716

■ 148.7380, -5.7868,
36.1868

■ 59.2040, -18.8346,
114.7081

■ 161.8290, -3.8597,
24.7060

■ 174.8060, -2.3694,
13.3251

■ 187.8970, -0.4422,
1.8443

■ 200.9880, 1.4849,
-9.6365

■ 214.0790, 3.4121,

-21.1173

■ 227.1700, 5.3392,
-32.5981

Harmonies

Analogous

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



112.2740, 8.2459, 62.0267



109.4650, -11.5682, 70.6292



109.7520, -30.4437, 58.0995

Triad

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



109.4650, -11.5682, 70.6292



97.1390, -21.2675, -38.7099



94.0720, 50.7435, -82.5011

Complementary

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



109.4650, -11.5682, 70.6292



153.5350, 11.5682, -70.6292

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.



96.6020, 40.1292, -84.7200



109.4650, -11.5682, 70.6292



88.4280, 3.7330, -77.5514

Square

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



109.4650, -11.5682, 70.6292



104.1260, -41.4741, 2.5205



94.1450, 23.0995, -82.5652



110.3400, 41.2444, -22.2232

Rectangle

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



109.4650, -11.5682, 70.6292



108.9060, -40.8727, 43.0554



94.1450, 23.0995, -82.5652



95.3770, 48.1281, -83.6456

Sweetspot

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



109.4650, -11.5682, 70.6292



216.7260, -4.3019, 26.5503



117.1350, 35.9224, 51.6246



105.8280, -2.3802, 16.8138



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.4650, -11.5682, 70.6292



121.1110, -17.8027, 110.4047



134.3980, -30.2692, 48.7630



87.8050, -0.8899, 5.4330



49.2940, -15.4279, 95.3352



9.6110, -3.2592, 18.7582

Inverse Universe

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



109.4650, -11.5682, 70.6292



121.1110, -17.8027, 110.4047



128.6020, 30.2692, -48.7630



87.8050, -0.8899, 5.4330



49.2940, -15.4279, 95.3352



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 109.4650, -11.5682, 70.6292 looks on a white background.

Color Contrast Check

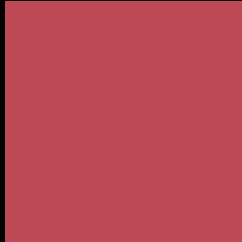
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4650, -11.5682, 70.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

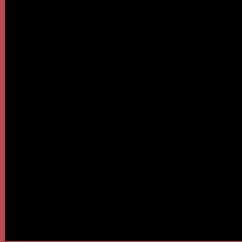
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.4650, -11.5682, 70.6292

Background



This preview shows how black text looks on a background with the YUV color 109.4650, -11.5682, 70.6292.



This preview shows how white text looks on a background with the YUV color 109.4650, -11.5682, 70.6292.

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

109.4650, -11.5682, 70.6292

Protanopia

113.2840, -4.0840, 3.2589

Deuteranopia

112.8810, -16.2103, 19.3984



Tritanopia

109.2540, -14.9152, 70.8142

Trichromacy



Original Color

109.4650, -11.5682, 70.6292

Protanomaly

111.7540, -6.7807, 28.2797

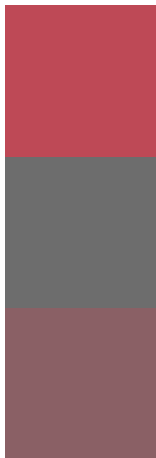
Deuteranomaly

111.4580, -14.5228, 38.1863

Tritanomaly

109.5960, -13.6048, 70.5143

Monochromacy



Original Color

109.4650, -11.5682, 70.6292

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1280, -4.0071, 25.3207

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4650, -11.5682, 70.6292 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(190, 73, 86)` looks like.

```
.text, #text, p{  
    color:rgb(190, 73, 86)  
}
```

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(190, 73, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 73, 86) }
```

Border

The CSS property to change the border of an element to YUV 109.4650, -11.5682, 70.6292 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(190, 73, 86) }
```


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

```
.border{ border-color:rgb(190, 73, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 73, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 73, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 73, 86);  
box-shadow:4px 4px 4px 4px rgb(190, 73,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 109.4650, -11.5682, 70.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 73, 86) }
```

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

```
.background{ background-color: rgb(190, 73,  
86) }
```

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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