

Converting Colors

YUV(109.2700, -12.4581,
76.0622)

Have a look what the booklet for
YUV(109.2700, -12.4581, 76.0622)
contains.

YUV(109.2700, -12.4581, 76.0622)	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(109.2700, -12.4581,
76.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	C44654
RGB	196, 70, 84
RGB Percent	77%, 27%, 33%
CMY	0.2314, 0.7255, 0.6706
CMYK	0.00, 0.64, 0.57, 0.23
HSL	353°, 52%, 52%
HSV	353°, 64%, 77%
XYZ	26.5553, 16.7562, 10.2221
YIQ	109.2700, 70.6020, 31.0660

Conversions

Conversions Part 2

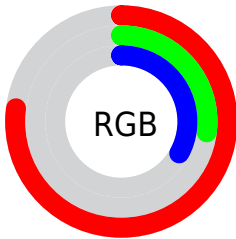
Format	Color
R_{YB}	196, 70, 84
Decimal	12863060
CIE _{Lab}	47.95, 51.22, 19.36
CIE _{LCh}	48, 54.755, 20.709
Yxy	16.7562, 0.4960, 0.3130
Android (android.graphics.Color)	4291053140 (0xFFC44654)
YUV	109.2700, -12.4581, 76.0622
Hunter-Lab	40.9343, 44.1634, 13.8481

Details

The YUV color **109.2700, -12.4581, 76.0622** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **156.7300, 12.4581, -76.0622**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1950, -15.3791, 79.6360**, and **45.6970, -3.3016, 79.1957** is the 20% darker color. If you saturate the color by 10%, you get **95.5920, -14.0959, 88.0578**, and if you desaturate by 10%, it is **122.9480, -10.8204, 64.0666**.

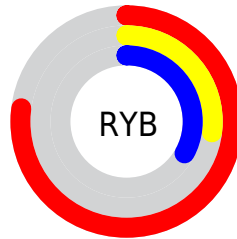
Distribution



Red (77%)

Green (27%)

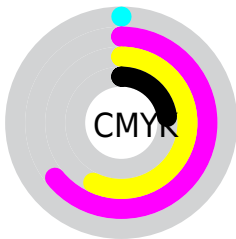
Blue (33%)



Red (77%)

Yellow (27%)

Blue (33%)

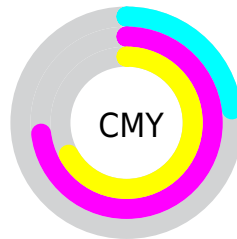


Cyan (0%)

Magenta (64%)

Yellow (57%)

Black (23%)



Cyan (23%)

Magenta (73%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2700, -12.4581, 76.0622 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 109.2700, -12.4581, 76.0622 by changing the saturation by 10% instead.

■ 109.2700,
-12.4581, 76.0622

■ 109.2700,
-12.4581, 76.0622

■ 255.0000, 0.0000,
0.0000

■ 80.6550, -9.6899,
74.8476

■ 164.1950,
-15.3791, 79.6360

■ 45.6970, -3.3016,
79.1957

■ 183.7090,
-11.6885, 62.5222

■ 34.1590, -7.4734,
63.8816

■ 203.1090, -8.4347,
45.5084

■ 23.6210, -11.6452,
48.5674

■ 222.7370, -4.3073,
28.2947

■ 15.7760, -6.7916,
31.7684

■ 243.6530, -0.3219,
9.9513

■ 0.0000, 0.0000,
0.0000

■ 109.2700,
-12.4581, 76.0622

■ 109.2700,
-12.4581, 76.0622

■ 95.5920, -14.0959,
88.0578

■ 122.9480,
-10.8204, 64.0666

■ 82.3870, -16.4598,
99.6386

■ 136.1530, -8.4564,
52.4858

■ 68.7090, -18.0975,
111.6342

■ 149.8310, -6.8187,
40.4902

■ 61.1120, -19.2822,
118.2968

■ 163.0360, -4.4547,
28.9094

■ 176.7140, -2.8170,
16.9138

■ 190.5060, -0.7425,
4.8182

■ 203.5970, 1.1847,
-6.6626

■ 217.2750, 2.8224,

-18.6582

■ 230.4800, 5.1864,
-30.2390

Harmonies

Analogous

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



111.8340, 8.9558, 67.6746



109.2700, -12.4581, 76.0622



109.6770, -33.3648, 61.6733

Triad

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



109.2700, -12.4581, 76.0622



95.5790, -21.9774, -44.3578



95.5710, 53.9485, -83.8158

Complementary

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



109.2700, -12.4581, 76.0622



156.7300, 12.4581, -76.0622

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.



98.5740, 42.6080, -86.4494



109.2700, -12.4581, 76.0622



89.7160, 3.5910, -78.6809

Square

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



109.2700, -12.4581, 76.0622



103.6330, -47.1471, 2.0759



95.7750, 24.2679, -83.9947



111.4260, 44.1600, -24.0526

Rectangle

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



109.2700, -12.4581, 76.0622



108.4780, -45.0987, 45.1848



95.7750, 24.2679, -83.9947



97.4630, 51.0437, -85.4751

Sweetspot

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



109.2700, -12.4581, 76.0622



221.9220, -4.8915, 29.0094



117.5530, 38.6744, 55.6430



107.3120, -3.1118, 18.1434



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



109.2700, -12.4581, 76.0622



119.9980, -19.7190, 118.3968



135.8500, -32.4641, 52.7516



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Inverse Universe

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



109.2700, -12.4581, 76.0622



119.9980, -19.7190, 118.3968



130.1500, 32.4641, -52.7515



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 109.2700, -12.4581, 76.0622 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 109.2700, -12.4581, 76.0622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

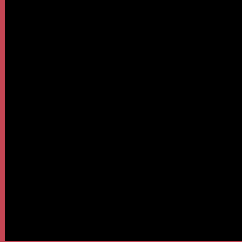
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2700, -12.4581, 76.0622

Background



This preview shows how black text looks on a background with the YUV color 109.2700, -12.4581, 76.0622.

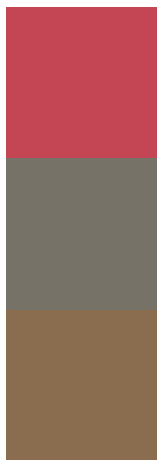


This preview shows how white text looks on a background with the YUV color 109.2700, -12.4581, 76.0622.

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

109.2700, -12.4581, 76.0622

Protanopia

114.3550, -5.1050, 4.0737

Deuteranopia

113.8380, -17.6681, 20.3131



Tritanopia

108.9450, -16.2419, 76.3472

Trichromacy



Original Color

109.2700, -12.4581, 76.0622

Protanomaly

112.5370, -7.6597, 30.2241

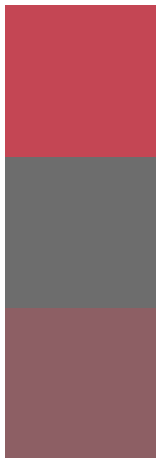
Deuteranomaly

112.1270, -15.8386, 40.2306

Tritanomaly

109.2870, -14.9315, 76.0473

Monochromacy



Original Color

109.2700, -12.4581, 76.0622

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3240, -4.5967, 27.7799

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2700, -12.4581, 76.0622 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(196, 70, 84)` looks like.

```
.text, #text, p{  
    color:rgb(196, 70, 84)  
}
```

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(196, 70, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 70, 84) }
```

Border

The CSS property to change the border of an element to YUV 109.2700, -12.4581, 76.0622 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(196, 70, 84) }
```


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

```
.border{ border-color:rgb(196, 70, 84) }
```

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

Here you see how a box with a 4 pixel rgb(196, 70, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 70, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 70, 84);  
box-shadow:4px 4px 4px 4px rgb(196, 70,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 109.2700, -12.4581, 76.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 70, 84) }
```

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

```
.background{ background-color: rgb(196, 70,  
84) }
```

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