

Converting Colors

YUV(103.9050, -5.8692,
15.8693)

Have a look what the booklet for
YUV(103.9050, -5.8692, 15.8693)
contains.

YUV(103.9050, -5.8692, 15.8693)	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(103.9050, -5.8692,
15.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	7A615C
RGB	122, 97, 92
RGB Percent	48%, 38%, 36%
CMY	0.5216, 0.6196, 0.6392
CMYK	0.00, 0.20, 0.25, 0.52
HSL	10°, 14%, 42%
HSV	10°, 25%, 48%
XYZ	14.2325, 13.4597, 11.9731
YIQ	103.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

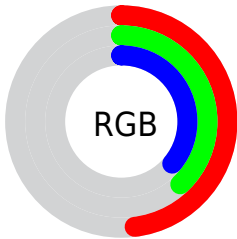
Format	Color
R_{YB}	122, 98, 92
Decimal	8020316
CIE _{Lab}	43.45, 9.27, 6.68
CIE _{LCh}	43, 11.426, 35.768
Yxy	13.4597, 0.3588, 0.3393
Android (android.graphics.Color)	4286210396 (0xFF7A615C)
YUV	103.9050, -5.8692, 15.8693
Hunter-Lab	36.6874, 5.0442, 6.3317

Details

The YUV color **103.9050, -5.8692, 15.8693** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.0950, 5.8692, -15.8693**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3890, -6.6008, 17.1988**, and **57.0080, -5.4269, 14.0250** is the 20% darker color. If you saturate the color by 10%, you get **96.6670, -8.2168, 22.2170**, and if you desaturate by 10%, it is **111.1430, -3.5215, 9.5216**.

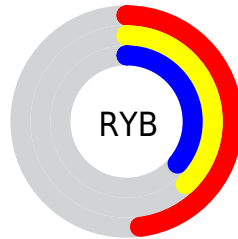
Distribution



Red (48%)

Green (38%)

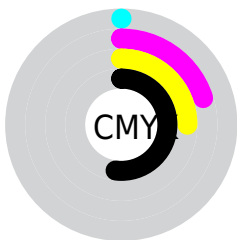
Blue (36%)



Red (48%)

Yellow (38%)

Blue (36%)

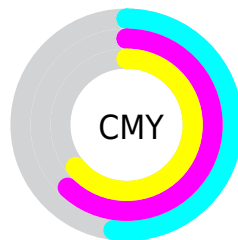


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9050, -5.8692, 15.8693 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 103.9050, -5.8692, 15.8693 by changing the saturation by 10% instead.

■ 103.9050, -5.8692,
15.8693

■ 103.9050, -5.8692,
15.8693

255.0000, 0.0000,
0.0000

■ 79.6060, -5.7218,
15.2545

■ 155.3890, -6.6008,
17.1988

■ 57.0080, -5.4269,
14.0250

■ 181.8020, -6.3114,
17.7136

■ 34.6380, -4.2585,
12.5955

■ 209.9870, -6.8956,
18.4284

■ 11.9050, -5.8692,
15.8693

■ 236.7910, -6.3060,
15.9693

■ 0.0000, 0.0000,
0.0000

254.6580, -1.3104,
0.2999

■ 103.9050, -5.8692,
15.8693

■ 103.9050, -5.8692,
15.8693

■ 96.6670, -8.2168,
22.2170

■ 111.1430, -3.5215,
9.5216

■ 89.4290, -10.5645,
28.5648

■ 118.3810, -1.1738,
3.1739

■ 81.4900, -13.0596,
35.5273

■ 125.7330, 1.6106,
-3.2738

■ 74.2520, -15.4072,
41.8750

■ 133.5580, 3.6689,
-10.1364

■ 67.0140, -17.7549,
48.2227

■ 140.7960, 6.0166,
-16.4841

■ 59.7760, -20.1026,
54.5704

■ 148.0340, 8.3642,
-22.8318

■ 52.5380, -22.4502,
60.9182

■ 155.2720, 10.7119,
-29.1795

■ 48.2180, -23.7715,

■ 162.6240, 13.4964,

64.7068

-35.6272

■ 169.8620, 15.8440,
-41.9750

Harmonies

Analogous

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



104.3440, -1.6486, 15.4843



103.9050, -5.8692, 15.8693



102.9000, -8.3317, 12.3657

Triad

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



103.9050, -5.8692, 15.8693



99.6520, -2.2934, -11.0958



102.3610, 9.1890, -7.3326

Complementary

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



103.9050, -5.8692, 15.8693



110.0950, 5.8692, -15.8693

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.



101.0180, 9.3581, -14.9248



103.9050, -5.8692, 15.8693



99.1720, 2.3802, -16.8138

Square

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



103.9050, -5.8692, 15.8693



100.8550, -6.8305, -2.5038



99.6000, 6.6062, -18.9432



104.1450, 6.8305, 2.5038

Rectangle

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



103.9050, -5.8692, 15.8693



102.6390, -9.1890, 7.3326



99.6000, 6.6062, -18.9432



101.7520, 9.4893, -10.3065

Sweetspot

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



103.9050, -5.8692, 15.8693



151.4630, -2.2003, 5.7329



103.8200, 6.4977, 15.9439



75.3810, -1.1738, 3.1739



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.9050, -5.8692, 15.8693



129.7490, -9.2433, 24.7761



112.7100, -10.2100, 8.1473



57.3810, -1.1738, 3.1739



49.7020, -24.5031, 66.0363



100.0020, -49.3010, 133.3022

Inverse Universe

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



110.0950, 5.8692, -15.8693



139.2510, 9.2433, -24.7761



101.2900, 10.2100, -8.1473



58.6190, 1.1738, -3.1739



75.2980, 24.5031, -66.0363



151.9980, 49.3010, -133.3022

Previews

White Background



This preview shows how the YUV color 103.9050, -5.8692, 15.8693 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 103.9050, -5.8692, 15.8693 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 103.9050, -5.8692, 15.8693

Background



This preview shows how black text looks on a background with the YUV color 103.9050, -5.8692, 15.8693.



This preview shows how white text looks on a background with the YUV color 103.9050, -5.8692, 15.8693.

15.8693.

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

103.9050, -5.8692, 15.8693

Protanopia

102.6970, -3.7946, 3.7737

Deuteranopia

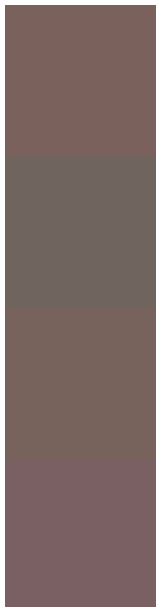
103.5840, -5.7109, 11.7658



Tritanopia

104.2840, -0.6330, 16.4139

Trichromacy



Original Color

103.9050, -5.8692, 15.8693

Protanomaly

102.9040, -4.3897, 7.9772

Deuteranomaly

103.5950, -5.7163, 13.5102

Tritanomaly

104.4150, -2.6696, 16.2990

Monochromacy



Original Color

103.9050, -5.8692, 15.8693

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8760, -1.9109, 6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9050, -5.8692, 15.8693 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(122, 97, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 97, 92)  
}
```

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(122, 97, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 97, 92) }
```

Border

The CSS property to change the border of an element to YUV 103.9050, -5.8692, 15.8693 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(122, 97, 92) }
```


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

```
.border{ border-color:rgb(122, 97, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 97, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 97, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 97, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 97,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 103.9050, -5.8692, 15.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 97, 92) }
```

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

```
.background{ background-color: rgb(122, 97,  
92) }
```

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