

Converting Colors

YUV(103.0910, -11.3839,
11.3212)

Have a look what the booklet for
YUV(103.0910, -11.3839, 11.3212)
contains.

YUV(103.0910, -11.3839, 11.3212)	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(103.0910, -11.3839,
11.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	746550
RGB	116, 101, 80
RGB Percent	45%, 40%, 31%
CMY	0.5451, 0.6039, 0.6863
CMYK	0.00, 0.13, 0.31, 0.55
HSL	35°, 18%, 38%
HSV	35°, 31%, 45%
XYZ	13.3041, 13.5996, 9.5132
YIQ	103.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

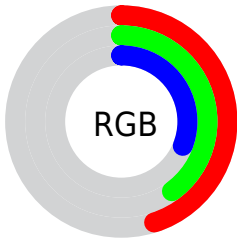
Format	Color
R_{YB}	106, 116, 80
Decimal	7628112
CIE Lab	43.65, 2.48, 14.10
CIE LCh	44, 14.320, 80.014
Yxy	13.5996, 0.3653, 0.3734
Android (android.graphics.Color)	4285818192 (0xFF746550)
YUV	103.0910, -11.3839, 11.3212
Hunter-Lab	36.8776, -0.1393, 10.5194

Details

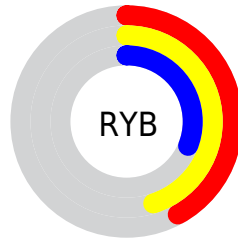
The YUV color **103.0910, -11.3839, 11.3212** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.9090, 11.3839, -11.3212**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4610, -12.5523, 12.7507**, and **55.7210, -10.2155, 9.8917** is the 20% darker color. If you saturate the color by 10%, you get **98.7880, -15.1785, 15.0949**, and if you desaturate by 10%, it is **107.3940, -7.5892, 7.5475**.

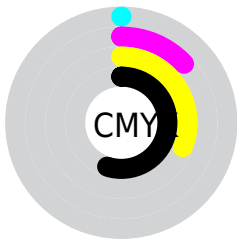
Distribution



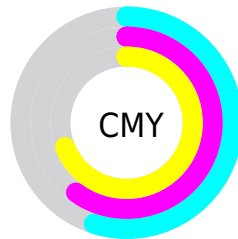
- Red (45%)
- Green (40%)
- Blue (31%)



- Red (42%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0910, -11.3839, 11.3212 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 103.0910, -11.3839, 11.3212 by changing the saturation by 10% instead.

■ 103.0910,
-11.3839, 11.3212

■ 103.0910,
-11.3839, 11.3212

■ 255.0000, 0.0000,
0.0000

■ 78.9060, -10.7997,
10.6064

■ 154.4610,
-12.5523, 12.7507

■ 55.7210, -10.2155,
9.8917

■ 181.3470,
-12.9891, 12.8507

■ 34.1230, -9.9206,
8.6621

■ 208.6460,
-13.1365, 13.4655

■ 13.0350, -6.4263,
7.8623

■ 236.9450,
-13.2839, 14.0802

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,
1.6996

■ 103.0910,
-11.3839, 11.3212

■ 103.0910,
-11.3839, 11.3212

■ 98.7880, -15.1785,
15.0949

■ 107.3940, -7.5892,
7.5475

■ 94.5990, -18.5363,
18.7687

■ 111.5830, -4.2314,
3.8737

■ 90.2960, -22.3309,
22.5424

■ 115.8860, -0.4368,
0.1000

■ 86.6940, -25.9781,
25.7014

■ 119.4880, 3.2104,
-3.0590

■ 82.3910, -29.7728,
29.4751

■ 123.7910, 7.0050,
-6.8327

■ 78.0880, -33.5674,
33.2488

■ 128.0940, 10.7997,
-10.6064

■ 74.6000, -36.7778,
36.3078

■ 132.2830, 14.1575,
-14.2802

■ 136.5860, 17.9521,

-18.0539

■ 140.7750, 21.3099,
-21.7277

Harmonies

Analogous

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



104.0040, -9.3690, 18.4135



103.0910, -11.3839, 11.3212



101.9650, -10.3357, 1.7847

Triad

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



103.0910, -11.3839, 11.3212



98.4530, 6.1857, -24.0763



105.4770, 6.6668, 8.3517

Complementary

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



103.0910, -11.3839, 11.3212



92.9090, 11.3839, -11.3212

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.



103.4370, 10.6306, -3.0142



103.0910, -11.3839, 11.3212



99.0170, 10.8376, -22.8169

Square

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



103.0910, -11.3839, 11.3212



99.1780, -0.0878, -18.5731



101.1150, 12.2683, -15.0099



105.1530, 1.4036, 16.5288

Rectangle

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



103.0910, -11.3839, 11.3212



100.9040, -7.8407, -5.1778



101.1150, 12.2683, -15.0099



104.7970, 7.9881, 4.5630

Sweetspot

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



103.0910, -11.3839, 11.3212



145.5830, -4.2314, 3.8737



92.4740, 1.2453, 20.6323



73.6260, -2.7736, 2.9590



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.0910, -11.3839, 11.3212



130.2290, -17.3679, 17.3392



110.9990, -15.2825, 1.7549



56.5550, -1.7526, 2.1443



78.1550, -38.5304, 38.4521



160.4520, -79.1028, 78.5336

Inverse Universe

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



92.9090, 11.3839, -11.3212



114.7710, 17.3679, -17.3392



85.0010, 15.2825, -1.7549



54.8580, 2.0420, -1.6295



43.8450, 38.5304, -38.4521



89.5480, 79.1028, -78.5336

Previews

White Background



This preview shows how the YUV color 103.0910, -11.3839, 11.3212 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 103.0910, -11.3839, 11.3212 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 103.0910, -11.3839, 11.3212

Background



This preview shows how black text looks on a background with the YUV color 103.0910, -11.3839, 11.3212.

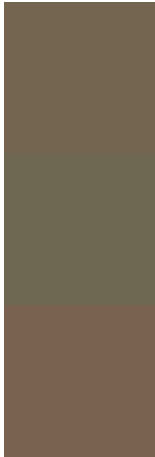


This preview shows how white text looks on a background with the YUV color 103.0910, -11.3839, 11.3212.

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

103.0910, -11.3839, 11.3212

Protanopia

102.5850, -10.6414, 6.5030

Deuteranopia

103.4120, -11.5421, 15.4247



Tritanopia

105.0770, -0.0380, 12.2105

Trichromacy



Original Color

103.0910, -11.3839, 11.3212

Protanomaly

102.5960, -10.6468, 8.2473

Deuteranomaly

103.4010, -11.5367, 13.6803

Tritanomaly

104.3390, -4.1111, 11.9807

Monochromacy



Original Color

103.0910, -11.3839, 11.3212

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0910, -11.3839, 11.3212 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(116, 101, 80)` looks like.

```
.text, #text, p{  
    color:rgb(116, 101, 80)  
}
```

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(116, 101, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 101, 80) }
```

Border

The CSS property to change the border of an element to YUV 103.0910, -11.3839, 11.3212 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(116, 101, 80) }
```


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

```
.border{ border-color:rgb(116, 101, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 101, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 101, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 101, 80);  
box-shadow:4px 4px 4px 4px rgb(116, 101,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 103.0910, -11.3839, 11.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 101, 80) }
```

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

```
.background{ background-color: rgb(116,  
101, 80) }
```

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