

Converting Colors

YUV(104.7550, 1.5998, 0.2149)

Have a look what the booklet for
YUV(104.7550, 1.5998, 0.2149)
contains.

YUV(104.7550, 1.5998, 0.2149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(104.7550, 1.5998,
0.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	69686C
RGB	105, 104, 108
RGB Percent	41%, 41%, 42%
CMY	0.5882, 0.5922, 0.5765
CMYK	0.03, 0.04, 0.00, 0.58
HSL	255°, 2%, 42%
HSV	255°, 4%, 42%
XYZ	13.4828, 13.9866, 16.1764
YIQ	104.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

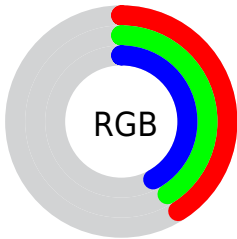
Format	Color
RYB	105, 104, 108
Decimal	6908012
CIELab	44.21, 1.22, -2.11
CIELCh	44, 2.439, 300.119
Yxy	13.9866, 0.3089, 0.3205
Android (android.graphics.Color)	4285098092 (0xFF69686C)
YUV	104.7550, 1.5998, 0.2149
Hunter-Lab	37.3987, -1.0957, 0.5338

Details

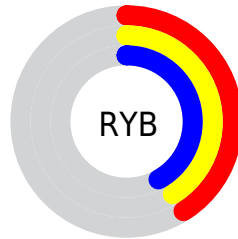
The YUV color **104.7550, 1.5998, 0.2149** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.2450, -1.5998, -0.2149**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7550, 1.5998, 0.2149**, and **57.7550, 1.5998, 0.2149** is the 20% darker color. If you saturate the color by 10%, you get **95.9060, 5.9623, 0.9594**, and if you desaturate by 10%, it is **113.6040, -2.7628, -0.5297**.

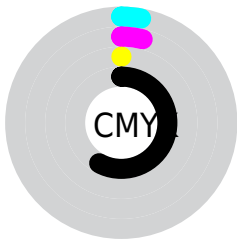
Distribution



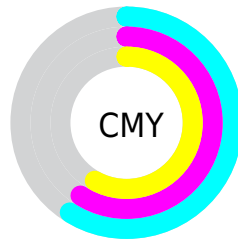
- Red (41%)
- Green (41%)
- Blue (42%)



- Red (41%)
- Yellow (41%)
- Blue (42%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7550, 1.5998, 0.2149 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 104.7550, 1.5998, 0.2149 by changing the saturation by 10% instead.

■ 104.7550, 1.5998,
0.2149

■ 104.7550, 1.5998,
0.2149

■ 255.0000, 0.0000,
0.0000

■ 80.7550, 1.5998,
0.2149

■ 155.7550, 1.5998,
0.2149

■ 57.7550, 1.5998,
0.2149

■ 182.7550, 1.5998,
0.2149

■ 36.3420, 1.3104,
-0.2999

■ 210.1680, 1.8892,
0.7297

■ 14.7550, 1.5998,
0.2149

■ 238.7550, 1.5998,
0.2149

■ 0.0000, 0.0000,
0.0000

■ 104.7550, 1.5998,

■ 104.7550, 1.5998,

0.2149

0.2149

■ 95.9060, 5.9623,
0.9594

■ 113.6040, -2.7628,
-0.5297

■ 87.0570, 10.3249,
1.7040

■ 122.4530, -7.1253,
-1.2743

■ 78.7950, 14.3981,
1.9338

■ 130.7150,
-11.1985, -1.5041

■ 69.9460, 18.7606,
2.6784

■ 139.5640,
-15.5611, -2.2486

■ 60.7980, 23.2706,
2.8082

■ 148.7120,
-20.0710, -2.3784

■ 51.9490, 27.6331,
3.5527

■ 157.5610,
-24.4336, -3.1230

■ 43.1000, 31.9957,
4.2973

■ 166.4100,
-28.7961, -3.8676

■ 34.8380, 36.0689,
4.5271

■ 174.6720,
-32.8693, -4.0973

■ 25.9890, 40.4314,
5.2716

■ 183.5210,
-37.2319, -4.8419

Harmonies

Analogous

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



104.8580, 2.0420, -1.6295



104.7550, 1.5998, 0.2149



104.6520, 1.1576, 2.0592

Triad

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



104.7550, 1.5998, 0.2149



104.8540, -1.9000, 2.7590



103.9780, 0.0108, -3.4887

Complementary

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



104.7550, 1.5998, 0.2149



107.2450, -1.5998, -0.2149

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.



104.3480, -1.1576, -2.0592



104.7550, 1.5998, 0.2149



104.1420, -2.0420, 1.6295

Square

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



104.7550, 1.5998, 0.2149



104.7940, -0.8844, 3.6887



104.2450, -1.5998, -0.2149



104.2060, 0.8844, -3.6887

Rectangle

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



104.7550, 1.5998, 0.2149



104.7230, 0.1366, 2.8739



104.2450, -1.5998, -0.2149



104.2770, -0.1366, -2.8739

Sweetspot

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



104.7550, 1.5998, 0.2149



139.1140, 0.4368, -0.1000



106.2170, 0.8790, -1.9443



71.0000, 0.0000, 0.0000



199.0000, 0.0000, 0.0000

Same Dimension

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



104.7550, 1.5998, 0.2149



135.8690, 2.0366, 0.1149



105.3530, 1.3050, 1.4444



51.6410, 1.1630, 0.3148



22.0090, 46.8306, 6.1311



46.1690, 98.0237, 13.0068

Inverse Universe

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



105.5380, 0.7208, 2.1592



136.9510, 1.0102, 2.6740



106.6470, -1.3050, -1.4444



52.1250, 0.4314, 1.6444



45.0150, 21.1916, 63.1308



94.2310, 44.2561, 132.2244

Previews

White Background



This preview shows how the YUV color 104.7550, 1.5998, 0.2149 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 104.7550, 1.5998, 0.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

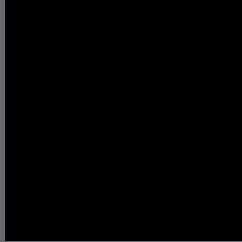
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7550, 1.5998, 0.2149

Background



This preview shows how black text looks on a background with the YUV color 104.7550, 1.5998, 0.2149.



This preview shows how white text looks on a background with the YUV color 104.7550, 1.5998,

0.2149.

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

104.7550, 1.5998, 0.2149

Protanopia

104.7550, 1.5998, 0.2149

Deuteranopia

105.5000, 1.7255, 6.5775



Tritanopia

104.9230, 3.4890, 0.9445

Trichromacy



Original Color

104.7550, 1.5998, 0.2149

Protanomaly

104.7550, 1.5998, 0.2149

Deuteranomaly

105.1900, 1.8783, 4.2184

Tritanomaly

104.8090, 3.0522, 1.0445

Monochromacy



Original Color

104.7550, 1.5998, 0.2149

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7550, 1.5998, 0.2149 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(105, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(105, 104, 108)  
}
```

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(105, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 104, 108) }
```

Border

The CSS property to change the border of an element to YUV 104.7550, 1.5998, 0.2149 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(105, 104, 108) }
```

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

```
.border{ border-color:rgb(105, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 104, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 104, 108);  
box-shadow:4px 4px 4px 4px rgb(105, 104,  
108) }
```


Background

The CSS property to change the background color of an element to YUV 104.7550, 1.5998, 0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 104, 108) }
```

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

```
.background{ background-color: rgb(105,  
104, 108) }
```

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