

Converting Colors

YUV(100.4160, 5.7109,
-11.7658)

Have a look what the booklet for
YUV(100.4160, 5.7109, -11.7658)
contains.

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Color

**YUV(100.4160, 5.7109,
-11.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	576970
RGB	87, 105, 112
RGB Percent	34%, 41%, 44%
CMY	0.6588, 0.5882, 0.5608
CMYK	0.22, 0.06, 0.00, 0.56
HSL	197°, 13%, 39%
HSV	197°, 22%, 44%
XYZ	11.9067, 13.2992, 17.2687
YIQ	100.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

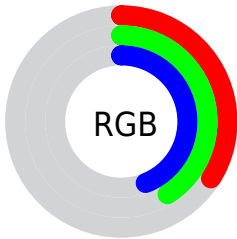
Format	Color
R_{YB}	87, 97, 112
Decimal	5728624
CIE _{Lab}	43.21, -5.04, -6.17
CIE _{LCh}	43, 7.966, 230.775
Yxy	13.2992, 0.2803, 0.3131
Android (android.graphics.Color)	4283918704 (0xFF576970)
YUV	100.4160, 5.7109, -11.7658
Hunter-Lab	36.4681, -5.5397, -2.5478

Details

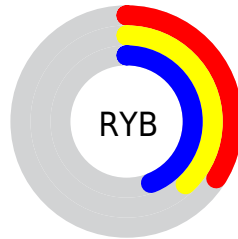
The YUV color **100.4160, 5.7109, -11.7658** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.5840, -5.7109, 11.7658**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2310, 6.2951, -12.4806**, and **53.6010, 5.1267, -11.0511** is the 20% darker color. If you saturate the color by 10%, you get **95.3660, 8.2006, -16.9840**, and if you desaturate by 10%, it is **105.4660, 3.2213, -6.5477**.

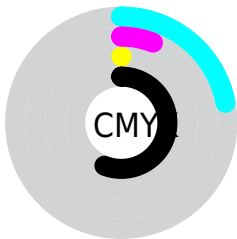
Distribution



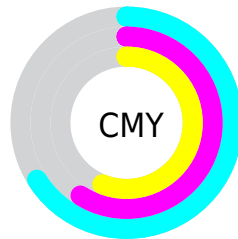
- Red (34%)
- Green (41%)
- Blue (44%)



- Red (34%)
- Yellow (38%)
- Blue (44%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4160, 5.7109, -11.7658 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 100.4160, 5.7109, -11.7658 by changing the saturation by 10% instead.

■ 100.4160, 5.7109,
-11.7658

■ 100.4160, 5.7109,
-11.7658

■ 255.0000, 0.0000,
0.0000

■ 76.4160, 5.7109,
-11.7658

■ 151.2310, 6.2951,
-12.4806

■ 53.6010, 5.1267,
-11.0511

■ 178.2310, 6.2951,
-12.4806

■ 31.6010, 5.1267,
-11.0511

■ 205.9320, 6.4425,
-13.0954

■ 11.3130, 5.2687,
-9.9215

■ 233.9320, 6.4425,
-13.0954

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,
-4.9182

■ 100.4160, 5.7109,
-11.7658

■ 100.4160, 5.7109,
-11.7658

■ 95.3660, 8.2006,
-16.9840

■ 105.4660, 3.2213,
-6.5477

■ 90.3160, 10.6902,
-22.2021

■ 110.5160, 0.7316,
-1.3295

■ 84.9670, 13.3273,
-28.0351

■ 115.8650, -1.9054,
4.5034

■ 79.3300, 16.1063,
-32.7384

■ 121.5020, -4.6845,
9.2067

■ 74.2800, 18.5960,
-37.9566

■ 126.5520, -7.1741,
14.4249

■ 69.2300, 21.0856,
-43.1747

■ 131.6020, -9.6638,
19.6430

■ 64.1800, 23.5753,
-48.3929


■ 136.6520,
-12.1534, 24.8612

■ 60.3150, 25.4807,

■ 142.0010,

-52.8963

-14.7905, 30.6941

 147.0510,
-17.2801, 35.9123

Harmonies

Analogous

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



100.0200, 2.9481, -12.2955



100.4160, 5.7109, -11.7658



101.3780, 6.7156, -7.3475

Triad

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



100.4160, 5.7109, -11.7658



103.4680, 0.2623, 9.2366



101.2190, -5.5310, 0.6849

Complementary

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



100.4160, 5.7109, -11.7658



98.5840, -5.7109, 11.7658

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.



102.3230, -6.5682, 6.7327



100.4160, 5.7109, -11.7658



103.3820, -2.6533, 11.0660

Square

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



100.4160, 5.7109, -11.7658



103.2440, 3.3307, 5.0480



102.9860, -5.4161, 10.5363



100.7560, -3.3307, -5.0480

Rectangle

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



100.4160, 5.7109, -11.7658



102.2860, 6.2680, -3.7588



102.9860, -5.4161, 10.5363



101.4150, -6.1206, 3.1440

Sweetspot

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



100.4160, 5.7109, -11.7658



140.8360, 2.0529, -5.1182



102.4730, -4.1772, -13.5698



71.0320, 1.4632, -2.6591



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.4160, 5.7109, -11.7658



126.8820, 8.9322, -18.3135



93.3720, 9.1836, -5.5882



53.6190, 1.1738, -3.1739



64.1620, 27.5281, -56.2701



132.6440, 56.3775, -116.3288

Inverse Universe

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



96.5270, 4.1772, 13.5698



120.8530, 6.4815, 21.1769



105.6280, -9.1836, 5.5882



52.3640, 1.2995, 3.1888



45.6840, 19.8758, 65.1751



94.1450, 41.3405, 134.0538

Previews

White Background



This preview shows how the YUV color 100.4160, 5.7109, -11.7658 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 100.4160, 5.7109, -11.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

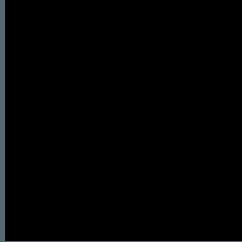
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

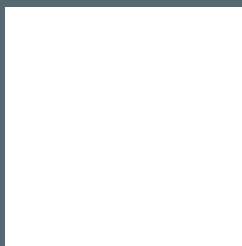
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.4160, 5.7109, -11.7658

Background



This preview shows how black text looks on a background with the YUV color 100.4160, 5.7109, -11.7658.



This preview shows how white text looks on a background with the YUV color 100.4160, 5.7109, -11.7658.

-11.7658.

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

100.4160, 5.7109, -11.7658

Protanopia

102.0260, 3.9312, -0.8998

Deuteranopia

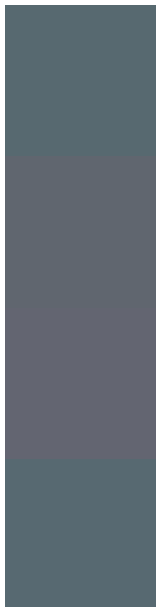
102.6890, 5.0833, 2.9037



Tritanopia

100.5300, 6.1477, -11.8658

Trichromacy



Original Color

100.4160, 5.7109, -11.7658

Protanomaly

101.2320, 4.8156, -4.5885

Deuteranomaly

101.7700, 5.5364, -2.4293

Tritanomaly

100.5300, 6.1477, -11.8658

Monochromacy



Original Color

100.4160, 5.7109, -11.7658

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4160, 5.7109, -11.7658 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(87, 105, 112)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 112)  
}
```

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(87, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 112) }
```

Border

The CSS property to change the border of an element to YUV 100.4160, 5.7109, -11.7658 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(87, 105, 112) }
```


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

```
.border{ border-color:rgb(87, 105, 112) }
```

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

Here you see how a box with a 4 pixel rgb(87, 105, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 100.4160, 5.7109, -11.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 112) }
```

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

```
.background{ background-color: rgb(87, 105,  
112) }
```

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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