

Converting Colors

YUV(110.5640, 1.2009,
-11.8956)

Have a look what the booklet for
YUV(110.5640, 1.2009, -11.8956)
contains.

YUV(110.5640, 1.2009, -11.8956)	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(110.5640, 1.2009,
-11.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	617571
RGB	97, 117, 113
RGB Percent	38%, 46%, 44%
CMY	0.6196, 0.5412, 0.5569
CMYK	0.17, 0.00, 0.03, 0.54
HSL	168°, 9%, 42%
HSV	168°, 17%, 46%
XYZ	14.2717, 16.4562, 18.0470
YIQ	110.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

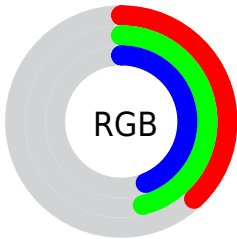
Format	Color
RYB	97, 108, 117
Decimal	6387057
CIELab	47.57, -8.24, -0.26
CIELCh	48, 8.246, 181.822
Yxy	16.4562, 0.2926, 0.3374
Android (android.graphics.Color)	4284577137 (0xFF617571)
YUV	110.5640, 1.2009, -11.8956
Hunter-Lab	40.5663, -8.1926, 2.0197

Details

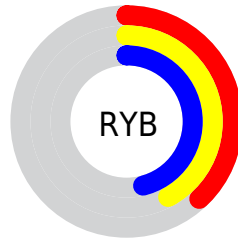
The YUV color **110.5640, 1.2009, -11.8956** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.4360, -1.2009, 11.8956**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2650, 1.3484, -12.5104**, and **62.8630, 1.0535, -11.2809** is the 20% darker color. If you saturate the color by 10%, you get **106.7480, 2.0962, -19.0730**, and if you desaturate by 10%, it is **114.3800, 0.3057, -4.7183**.

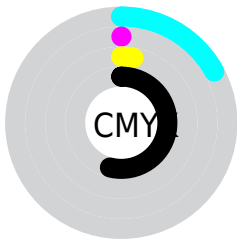
Distribution



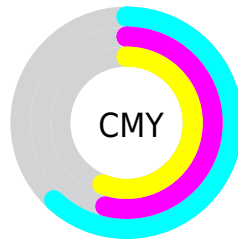
- Red (38%)
- Green (46%)
- Blue (44%)



- Red (38%)
- Yellow (42%)
- Blue (46%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.5640, 1.2009, -11.8956 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 110.5640, 1.2009, -11.8956 by changing the saturation by 10% instead.

■ 110.5640, 1.2009,
-11.8956

■ 110.5640, 1.2009,
-11.8956

255.0000, 0.0000,
0.0000

■ 85.9770, 1.4903,
-11.3808

■ 162.2650, 1.3484,
-12.5104

■ 62.8630, 1.0535,
-11.2809

■ 189.2650, 1.3484,
-12.5104

■ 40.5750, 1.1955,
-10.1513

■ 216.9660, 1.4958,
-13.1252

■ 19.6780, 1.6377,
-11.9956

■ 245.5530, 1.2064,
-13.6400

■ 0.0000, 0.0000,
0.0000

■ 110.5640, 1.2009,

■ 110.5640, 1.2009,

-11.8956

■ 106.7480, 2.0962,
-19.0730

■ 103.1170, 2.4073,
-25.5356

■ 99.3010, 3.3026,
-32.7130

■ 95.4850, 4.1979,
-39.8903

■ 91.8540, 4.5090,
-46.3530

■ 88.0380, 5.4043,
-53.5303

■ 84.2220, 6.2996,
-60.7077

■ 80.2920, 6.7580,
-67.7851

-11.8956

■ 114.3800, 0.3057,
-4.7183

■ 118.0110, -0.0054,
1.7444

■ 121.8270, -0.9007,
8.9217

■ 125.6430, -1.7960,
16.0991

■ 129.5730, -2.2545,
23.1765

■ 133.0900, -3.0024,
29.7391

■ 136.9060, -3.8977,
36.9164

■ 140.8360, -4.3561,
43.9938

■ 79.3950, 7.2003,
-69.6294

■ 144.3530, -5.1040,
50.5564

Harmonies

Analogous

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



110.9730, -2.4517, -6.9923



110.5640, 1.2009, -11.8956



110.7640, 4.5533, -13.8250

Triad

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



110.5640, 1.2009, -11.8956



113.7920, 5.5255, 1.0594



113.1600, -5.9949, 9.5067

Complementary

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



110.5640, 1.2009, -11.8956



103.4360, -1.2009, 11.8956

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.



114.3390, -4.1111, 11.9807



110.5640, 1.2009, -11.8956



114.1410, 2.8885, 6.8923

Square

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



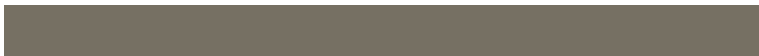
110.5640, 1.2009, -11.8956



112.5030, 7.1470, -5.7031



114.2510, -0.6167, 11.1809



112.3120, -6.5628, 4.9884

Rectangle

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



110.5640, 1.2009, -11.8956



111.1170, 5.8583, -12.3806



114.2510, -0.6167, 11.1809



113.8720, -5.8529, 10.6363

Sweetspot

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



110.5640, 1.2009, -11.8956



150.3800, 0.3057, -4.7183



109.9360, -6.3774, -7.8369



75.3910, 0.3002, -2.9739



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.



110.5640, 1.2009, -11.8956



142.7480, 2.0962, -19.0730



107.4980, 4.6845, -9.2067



56.9780, 0.0108, -3.4887



82.7860, 7.5005, -72.6033



169.5500, 15.0118, -148.6954

Inverse Universe

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



103.4360, -1.2009, 11.8956



131.2520, -2.0962, 19.0730



106.5020, -4.6845, 9.2067



54.9080, -0.4476, 3.5887



39.2140, -7.5005, 72.6033



80.4500, -15.0119, 148.6954

Previews

White Background



This preview shows how the YUV color 110.5640, 1.2009, -11.8956 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 110.5640, 1.2009, -11.8956 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 110.5640, 1.2009, -11.8956

Background



This preview shows how black text looks on a background with the YUV color 110.5640, 1.2009, -11.8956.



This preview shows how white text looks on a background with the YUV color 110.5640, 1.2009, -11.8956.

-11.8956.

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

110.5640, 1.2009, -11.8956

Protanopia

112.6690, -1.3158, 2.0443

Deuteranopia

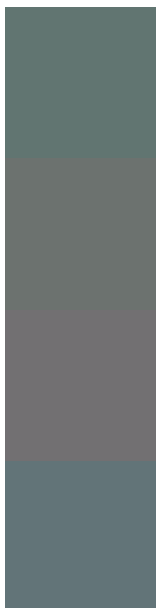
113.8700, 0.5571, 8.0070



Tritanopia

111.2420, 6.2897, -10.7362

Trichromacy



Original Color

110.5640, 1.2009, -11.8956

Protanomaly

111.8640, -0.4260, -3.3887

Deuteranomaly

112.8260, 0.5788, 1.0296

Tritanomaly

111.0740, 4.4005, -11.4659

Monochromacy



Original Color

110.5640, 1.2009, -11.8956

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7930, 0.5951, -4.2035

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.5640, 1.2009, -11.8956 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(97, 117, 113)` looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 113)  
}
```

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(97, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 113) }
```

Border

The CSS property to change the border of an element to YUV 110.5640, 1.2009, -11.8956 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(97, 117, 113) }
```


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

```
.border{ border-color:rgb(97, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(97, 117,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 110.5640, 1.2009, -11.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 113) }
```

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

```
.background{ background-color: rgb(97, 117,  
113) }
```

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