

Converting Colors

YUV(95.8960, 1.0373, -6.0478)

Have a look what the booklet for
YUV(95.8960, 1.0373, -6.0478)
contains.

YUV(95.8960, 1.0373, -6.0478)	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(95.8960, 1.0373,
-6.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	596362
RGB	89, 99, 98
RGB Percent	35%, 39%, 38%
CMY	0.6510, 0.6118, 0.6157
CMYK	0.10, 0.00, 0.01, 0.61
HSL	174°, 5%, 37%
HSV	174°, 10%, 39%
XYZ	10.7863, 11.9294, 13.2894
YIQ	95.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

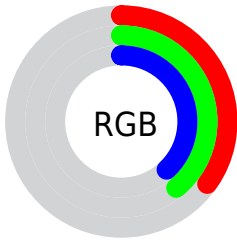
Format	Color
R_{YB}	89, 94, 99
Decimal	5858146
CIE Lab	41.10, -4.06, -0.75
CIE LCh	41, 4.132, 190.501
Yxy	11.9294, 0.2996, 0.3313
Android (android.graphics.Color)	4284048226 (0xFF596362)
YUV	95.8960, 1.0373, -6.0478
Hunter-Lab	34.5389, -4.6988, 1.3645

Details

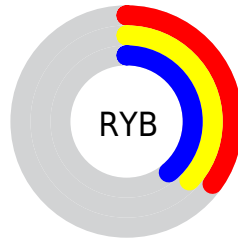
The YUV color **95.8960, 1.0373, -6.0478** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.1040, -1.0373, 6.0478**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5970, 1.1847, -6.6626**, and **49.8960, 1.0373, -6.0478** is the 20% darker color. If you saturate the color by 10%, you get **92.7920, 2.0745, -12.0956**, and if you desaturate by 10%, it is **99.0000, 0.0000, 0.0000**.

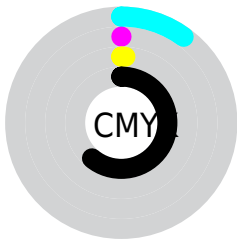
Distribution



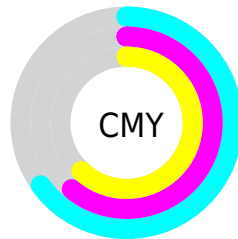
- Red (35%)
- Green (39%)
- Blue (38%)



- Red (35%)
- Yellow (37%)
- Blue (39%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8960, 1.0373, -6.0478 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 95.8960, 1.0373, -6.0478 by changing the saturation by 10% instead.

■ 95.8960, 1.0373,
-6.0478

■ 95.8960, 1.0373,
-6.0478

■ 255.0000, 0.0000,
0.0000

■ 72.1950, 0.8899,
-5.4330

■ 146.5970, 1.1847,
-6.6626

■ 49.8960, 1.0373,
-6.0478

■ 172.5970, 1.1847,
-6.6626

■ 28.6080, 1.1793,
-4.9182

■ 200.2980, 1.3321,
-7.2773

■ 4.7930, 0.5951,
-4.2035

■ 228.2980, 1.3321,
-7.2773

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,
-3.6887

■ 95.8960, 1.0373,
-6.0478

■ 95.8960, 1.0373,
-6.0478

■ 92.7920, 2.0745,
-12.0956

■ 99.0000, 0.0000,
0.0000

■ 89.6880, 3.1118,
-18.1434

■ 102.1040, -1.0373,
6.0478

■ 86.5840, 4.1491,
-24.1912

■ 105.2080, -2.0745,
12.0956

■ 83.4800, 5.1864,
-30.2390

■ 108.3120, -3.1118,
18.1434

■ 80.6750, 6.0762,
-35.6720

■ 111.4160, -4.1491,
24.1912

■ 77.5710, 7.1135,
-41.7198

■ 114.2210, -5.0390,
29.6242

■ 74.4670, 8.1508,
-47.7676

■ 117.3250, -6.0762,
35.6720

■ 71.3630, 9.1880,

■ 120.4290, -7.1135,

-53.8154

41.7198

■ 68.2590, 10.2253,
-59.8631

■ 123.5330, -8.1508,
47.7676

Harmonies

Analogous

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



96.1520, -0.5679, -4.5183



95.8960, 1.0373, -6.0478



96.2380, 2.3477, -6.3477

Triad

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



95.8960, 1.0373, -6.0478



97.5810, 2.1786, 1.2445



97.2240, -3.0684, 4.1886

Complementary

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



95.8960, 1.0373, -6.0478



92.1040, -1.0373, 6.0478

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.



97.4630, -2.2003, 5.7329



95.8960, 1.0373, -6.0478



97.8480, 0.5679, 4.5183

Square

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



95.8960, 1.0373, -6.0478



97.2000, 3.3524, -1.9294



97.8050, -0.8899, 5.4330



96.8000, -3.3524, 1.9294

Rectangle

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



95.8960, 1.0373, -6.0478



96.1780, 3.3632, -5.4181



97.8050, -0.8899, 5.4330



97.5230, -3.2158, 4.8033

Sweetspot

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



95.8960, 1.0373, -6.0478



126.6900, 0.1528, -2.3591



95.1690, -3.0413, -4.5332



62.9890, 0.0054, -1.7444



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



95.8960, 1.0373, -6.0478



122.9880, 1.4849, -9.6365



93.6620, 2.6316, -4.0886



46.8040, 0.5896, -2.4591



77.2580, 11.7048, -67.7553



165.5040, 24.8945, -145.1470

Inverse Universe

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



92.1040, -1.0373, 6.0478



117.0120, -1.4849, 9.6365



94.3380, -2.6316, 4.0886



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470

Previews

White Background



This preview shows how the YUV color 95.8960, 1.0373, -6.0478 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 95.8960, 1.0373, -6.0478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

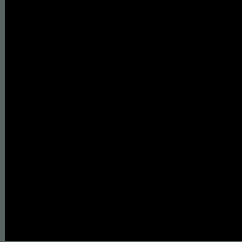
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8960, 1.0373, -6.0478

Background



This preview shows how black text looks on a background with the YUV color 95.8960, 1.0373, -6.0478.



This preview shows how white text looks on a background with the YUV color 95.8960, 1.0373, -6.0478.

-6.0478.

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

95.8960, 1.0373, -6.0478

Protanopia

96.8970, -0.4422, 1.8443

Deuteranopia

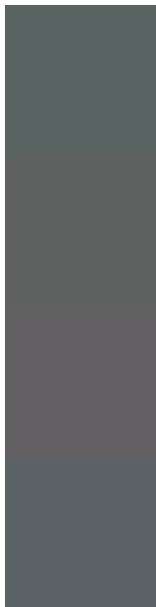
97.8590, 0.5625, 6.2627



Tritanopia

96.5200, 4.6736, -5.7180

Trichromacy



Original Color

95.8960, 1.0373, -6.0478

Protanomaly

96.4020, 0.2948, -1.2296

Deuteranomaly

97.2390, 0.8682, 1.5444

Tritanomaly

96.1780, 3.3632, -5.4181

Monochromacy



Original Color

95.8960, 1.0373, -6.0478

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8960, 1.0373, -6.0478 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(89, 99, 98)` looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 98)  
}
```

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(89, 99, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 98) }
```

Border

The CSS property to change the border of an element to YUV 95.8960, 1.0373, -6.0478 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(89, 99, 98) }
```


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

```
.border{ border-color:rgb(89, 99, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 99, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 98);  
box-shadow:4px 4px 4px 4px rgb(89, 99, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.8960, 1.0373, -6.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 98) }
```

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

```
.background{ background-color: rgb(89, 99,  
98) }
```

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