

Converting Colors

YUV(106.7970, -5.8159,
-48.0570)

Have a look what the booklet for
YUV(106.7970, -5.8159, -48.0570)
contains.

YUV(106.7970, -5.8159, -48.0570)	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(106.7970, -5.8159,
-48.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	34895F
RGB	52, 137, 95
RGB Percent	20%, 54%, 37%
CMY	0.7961, 0.4627, 0.6275
CMYK	0.62, 0.00, 0.31, 0.46
HSL	150°, 45%, 37%
HSV	150°, 62%, 54%
XYZ	12.4274, 19.4476, 13.9252
YIQ	106.7970, -37.1780, -31.0820

Conversions

Conversions Part 2

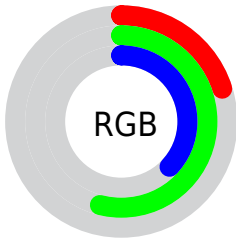
Format	Color
RYB	52, 108, 137
Decimal	3443039
CIELab	51.21, -35.91, 15.11
CIELCh	51, 38.958, 157.181
Yxy	19.4476, 0.2713, 0.4246
Android (android.graphics.Color)	4281633119 (0xFF34895F)
YUV	106.7970, -5.8159, -48.0570
Hunter-Lab	44.0994, -26.8720, 12.1477

Details

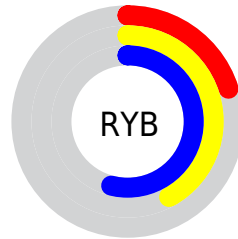
The YUV color **106.7970, -5.8159, -48.0570** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82.2030, 5.8159, 48.0570**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7540, -7.2737, -47.1423**, and **56.0680, -3.4845, -49.1716** is the 20% darker color. If you saturate the color by 10%, you get **101.8130, -6.8098, -55.9640**, and if you desaturate by 10%, it is **111.7810, -4.8220, -40.1499**.

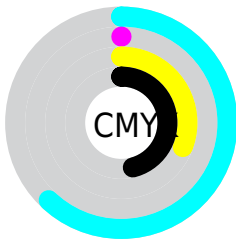
Distribution



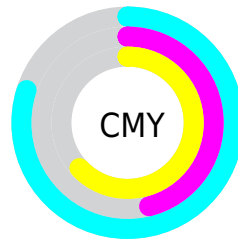
- Red (20%)
- Green (54%)
- Blue (37%)



- Red (20%)
- Yellow (42%)
- Blue (54%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (46%)



- Cyan (80%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7970, -5.8159, -48.0570 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 106.7970, -5.8159, -48.0570 by changing the saturation by 10% instead.

■ 106.7970, -5.8159,
-48.0570

■ 106.7970, -5.8159,
-48.0570

■ 255.0000, 0.0000,
0.0000

■ 78.9320, -3.9105,
-52.5604

■ 160.7540, -7.2737,
-47.1423

■ 56.0680, -3.4845,
-49.1716

■ 188.2270, -7.9999,
-47.5571

■ 39.4720, -6.1487,
-34.6169

■ 216.8140, -8.2893,
-48.0719

■ 23.7080, -10.7020,
-20.7919

■ 232.4870, -2.2121,
-37.2611

■ 4.6960, -2.3151,
-4.1184

■ 244.2360, 5.3067,
-22.1320

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 106.7970, -5.8159,
-48.0570

■ 106.7970, -5.8159,
-48.0570

■ 101.8130, -6.8098,
-55.9640

■ 111.7810, -4.8220,
-40.1499

■ 97.1280, -7.9511,
-63.2563

■ 116.4660, -3.6807,
-32.8577

■ 92.2580, -8.5082,
-71.2633

■ 121.3360, -3.1236,
-24.8507

■ 88.2850, -9.5075,
-77.4259

■ 126.3200, -2.1298,
-16.9436

■ 131.3040, -1.1359,
-9.0366

■ 135.9890, 0.0054,
-1.7444

■ 140.8590, 0.5625,
6.2627

■ 145.8430, 1.5564,
14.1697

■ 150.5280, 2.6977,
21.4619

Harmonies

Analogous

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



114.7230, -23.5274, -13.7891



106.7970, -5.8159, -48.0570



96.2990, 16.1216, -84.4542

Triad

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



106.7970, -5.8159, -48.0570



117.5530, 34.7304, -32.9340



122.2810, -19.3655, 51.4966

Complementary

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



106.7970, -5.8159, -48.0570



82.2030, 5.8159, 48.0570

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.



123.3040, -4.0939, 53.2304



106.7970, -5.8159, -48.0570



124.8850, 24.7067, 8.8709

Square

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



106.7970, -5.8159, -48.0570



98.3460, 41.7344, -86.2494



124.9290, 11.3740, 38.6503



120.7340, -29.9419, 37.0673

Rectangle

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



106.7970, -5.8159, -48.0570



98.2200, 26.0205, -86.1389



124.9290, 11.3740, 38.6503



122.5570, -14.5716, 53.8855

Sweetspot

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



106.7970, -5.8159, -48.0570



166.8960, -2.4137, -19.2028



114.4530, -30.7893, -17.9373



81.8800, -1.4198, -11.2958



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



106.7970, -5.8159, -48.0570



131.7090, -9.2235, -75.1668



111.5850, 12.5296, -52.2560



66.4510, -0.7153, -3.9035



85.7090, -9.2235, -75.1668



3.2770, -0.1366, -2.8739

Inverse Universe

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



82.2030, 5.8159, 48.0570



93.2910, 9.2235, 75.1668



77.4150, -12.5296, 52.2560



64.4350, 0.2785, 4.0035



47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 106.7970, -5.8159, -48.0570 looks on a white 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

Black Background



This preview shows how the YUV color 106.7970, -5.8159, -48.0570 looks on a black 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

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

YUV 106.7970, -5.8159, -48.0570 Background



This preview shows how black text looks on a background with the YUV color 106.7970, -5.8159, -48.0570.



This preview shows how white text looks on a background with the YUV color 106.7970, -5.8159, -48.0570.

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

106.7970, -5.8159, -48.0570

Protanopia

119.9290, -15.7410, 8.8323

Deuteranopia

121.9390, -10.8159, 15.8395



Tritanopia

113.4170, 14.0914, -39.8307

Trichromacy



Original Color

106.7970, -5.8159, -48.0570

Protanomaly

115.4210, -12.0396, -11.7702

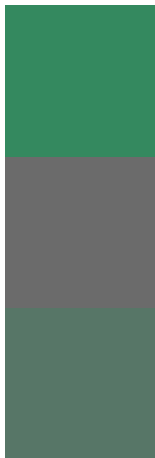
Deuteranomaly

116.2520, -8.9982, -7.2370

Tritanomaly

110.8590, 6.9715, -42.8493

Monochromacy



Original Color

106.7970, -5.8159, -48.0570

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0210, -1.9824, -17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7970, -5.8159, -48.0570 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(52, 137, 95)` looks like.

```
.text, #text, p{  
    color:rgb(52, 137, 95)  
}
```

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(52, 137, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 137, 95) }
```

Border

The CSS property to change the border of an element to YUV 106.7970, -5.8159, -48.0570 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(52, 137, 95) }
```


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

```
.border{ border-color:rgb(52, 137, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 137, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 137, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 137, 95);  
box-shadow:4px 4px 4px 4px rgb(52, 137,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 106.7970, -5.8159, -48.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 137, 95) }
```

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

```
.background{ background-color: rgb(52, 137,  
95) }
```

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