

Converting Colors

YUV(96.9840, -2.4571, -5.2480)

Have a look what the booklet for
YUV(96.9840, -2.4571, -5.2480)
contains.

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Color

**YUV(96.9840, -2.4571,
-5.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	5B655C
RGB	91, 101, 92
RGB Percent	36%, 40%, 36%
CMY	0.6431, 0.6039, 0.6392
CMYK	0.10, 0.00, 0.09, 0.60
HSL	126°, 5%, 38%
HSV	126°, 10%, 40%
XYZ	10.8998, 12.3042, 11.9257
YIQ	96.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

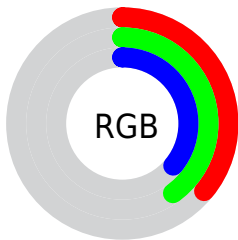
Format	Color
R_{YB}	91, 100, 101
Decimal	5989724
CIE Lab	41.70, -5.77, 3.78
CIE LCh	42, 6.898, 146.731
Yxy	12.3042, 0.3103, 0.3503
Android (android.graphics.Color)	4284179804 (0xFF5B655C)
YUV	96.9840, -2.4571, -5.2480
Hunter-Lab	35.0774, -5.9188, 4.3966

Details

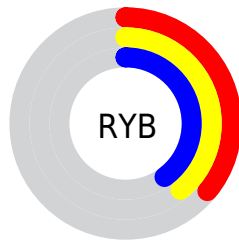
The YUV color **96.9840, -2.4571, -5.2480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.0160, 2.4571, 5.2480**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5710, -2.7465, -5.7628**, and **50.3970, -2.1677, -4.7332** is the 20% darker color. If you saturate the color by 10%, you get **92.9680, -4.9142, -10.4959**, and if you desaturate by 10%, it is **101.0000, 0.0000, 0.0000**.

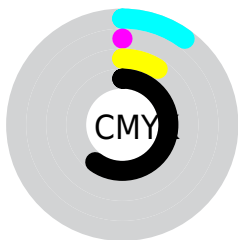
Distribution



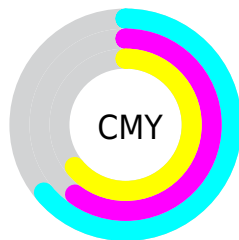
- Red (36%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (39%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9840, -2.4571, -5.2480 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 96.9840, -2.4571, -5.2480 by changing the saturation by 10% instead.

■ 96.9840, -2.4571,
-5.2480

■ 96.9840, -2.4571,
-5.2480

■ 255.0000, 0.0000,
0.0000

■ 73.3970, -2.1677,
-4.7332

■ 147.5710, -2.7465,
-5.7628

■ 50.3970, -2.1677,
-4.7332

■ 174.5710, -2.7465,
-5.7628

■ 29.8100, -1.8783,
-4.2184

■ 201.5710, -2.7465,
-5.7628

■ 5.8700, -2.8939,
-5.1480

■ 229.5710, -2.7465,
-5.7628

■ 0.0000, 0.0000,
0.0000

■ 253.4620, -0.7208,
-2.1592

■ 96.9840, -2.4571,
-5.2480

■ 96.9840, -2.4571,
-5.2480

■ 92.9680, -4.9142,
-10.4959

■ 101.0000, 0.0000,
0.0000

■ 88.9520, -7.3713,
-15.7439

■ 105.0160, 2.4571,
5.2480

■ 84.9360, -9.8284,
-20.9919

■ 109.0320, 4.9142,
10.4959

■ 80.9200, -12.2856,
-26.2398

■ 113.0480, 7.3713,
15.7439

■ 76.9040, -14.7427,
-31.4878

■ 117.3630, 9.6810,
21.6066

■ 72.4750, -17.4892,
-37.2506

■ 121.4930, 12.5750,
26.7546

■ 68.4590, -19.9463,
-42.4985


■ 125.5090, 15.0321,
32.0026


■ 64.4430, -22.4034,

■ 129.5250, 17.4892,

-47.7465

37.2506

 60.4270, -24.8605,
-52.9945

 133.5410, 19.9463,
42.4985

Harmonies

Analogous

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



97.7350, -4.7994, -0.6446



96.9840, -2.4571, -5.2480



96.6460, 0.1745, -9.3365

Triad

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



96.9840, -2.4571, -5.2480



98.1610, 5.8366, -5.4032



99.5560, -3.2321, 10.0364

Complementary

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



96.9840, -2.4571, -5.2480



95.0160, 2.4571, 5.2480

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.



99.9410, -0.4639, 8.8217



96.9840, -2.4571, -5.2480



98.8520, 4.5100, 0.1298

Square

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



96.9840, -2.4571, -5.2480



97.3130, 5.2687, -9.9215



99.1300, 2.8939, 5.1480



99.0890, -4.9739, 8.6919

Rectangle

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



96.9840, -2.4571, -5.2480



96.5040, 2.2165, -10.9660



99.1300, 2.8939, 5.1480



99.7840, -2.3585, 9.8364

Sweetspot

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



96.9840, -2.4571, -5.2480



128.4620, -0.7208, -2.1592



99.5610, -4.2206, 0.3850



65.1740, -0.5788, -1.0296



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



96.9840, -2.4571, -5.2480



123.6200, -3.7567, -8.4367



97.5540, -0.2731, -5.7479



48.9350, -1.4470, -2.5740



68.7590, -28.4752, -60.3016



144.7900, -59.5495, -126.9808

Inverse Universe

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



95.0160, 2.4571, 5.2480



120.3800, 3.7567, 8.4367



94.4460, 0.2731, 5.7479



47.9510, 1.0102, 2.6740



46.1270, 28.0384, 60.4016



97.2100, 59.5495, 126.9808

Previews

White Background



This preview shows how the YUV color 96.9840, -2.4571, -5.2480 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 96.9840, -2.4571, -5.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

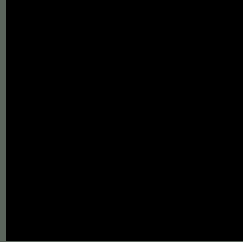
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9840, -2.4571, -5.2480

Background



This preview shows how black text looks on a background with the YUV color 96.9840, -2.4571, -5.2480.



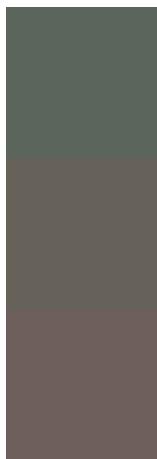
This preview shows how white text looks on a background with the YUV color 96.9840, -2.4571, -5.2480.

-5.2480.

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

96.9840, -2.4571, -5.2480

Protanopia

98.2840, -4.0840, 3.2589

Deuteranopia

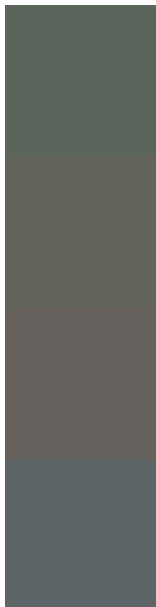
99.2570, -3.0847, 9.4216



Tritanopia

98.1180, 4.3788, -4.4885

Trichromacy



Original Color

96.9840, -2.4571, -5.2480

Protanomaly

97.7890, -3.3470, 0.1850

Deuteranomaly

98.3380, -2.6316, 4.0886

Tritanomaly

97.8360, 2.0529, -5.1182

Monochromacy



Original Color

96.9840, -2.4571, -5.2480

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9840, -2.4571, -5.2480 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(91, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 92)  
}
```

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(91, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 92) }
```

Border

The CSS property to change the border of an element to YUV 96.9840, -2.4571, -5.2480 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(91, 101, 92) }
```


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

```
.border{ border-color:rgb(91, 101, 92) }
```

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

Here you see how a box with a 4 pixel rgb(91, 101, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 96.9840, -2.4571, -5.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 92) }
```

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

```
.background{ background-color: rgb(91, 101,  
92) }
```

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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