

Converting Colors

YUV(103.1740, -50.8648,
27.9114)

Have a look what the booklet for
YUV(103.1740, -50.8648, 27.9114)
contains.

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Color

**YUV(103.1740, -50.8648,
27.9114)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 876B00 |
| RGB | 135, 107, 0 |
| RGB Percent | 53%, 42%, 0% |
| CMY | 0.4706, 0.5804, 1.0000 |
| CMYK | 0.00, 0.21, 1.00, 0.47 |
| HSL | 48°, 100%, 26% |
| HSV | 48°, 100%, 53% |
| XYZ | 15.2494, 15.6663, 2.2202 |
| YIQ | 103.1740, 51.0350, -27.3410 |

Conversions

Conversions Part 2

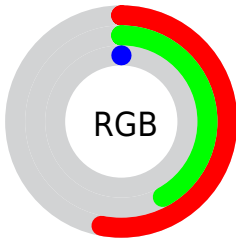
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 35, 135, 0 |
| Decimal | 8874752 |
| CIELab | 46.53, 2.15, 53.18 |
| CIElCh | 47, 53.221, 87.686 |
| Yxy | 15.6663, 0.4602, 0.4728 |
| Android (android.graphics.Color) | 4287064832 (0xFF876B00) |
| YUV | 103.1740, -50.8648, 27.9114 |
| Hunter-Lab | 39.5807, -0.4949, 24.3808 |

Details

The YUV color **103.1740, -50.8648, 27.9114** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **31.8260, 50.8648, -27.9114**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2220, -46.9444, 30.5003**, and **59.4390, -29.3034, 18.9090** is the 20% darker color. If you saturate the color by 10%, you get **103.1740, -50.8648, 27.9114**, and if you desaturate by 10%, it is **106.4170, -46.0546, 25.0673**.

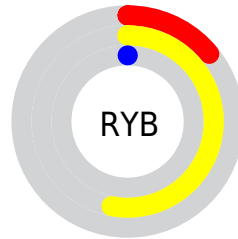
Distribution



Red (53%)

Green (42%)

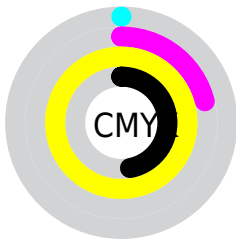
Blue (0%)



Red (14%)

Yellow (53%)

Blue (0%)

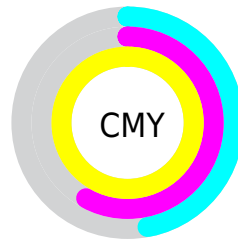


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1740, -50.8648, 27.9114 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 103.1740, -50.8648, 27.9114 by changing the saturation by 10% instead.

103.1740,
-50.8648, 27.9114

103.1740,
-50.8648, 27.9114

254.7720, -0.8736,
0.2000

80.7140, -39.7920,
23.0528

157.2220,
-46.9444, 30.5003

59.4390, -29.3034,
18.9090

185.0050,
-47.8235, 32.4446

39.0390, -19.2462,
13.1208

212.4890,
-48.5551, 33.7741

20.1230, -9.9206,
8.6621


233.7860,
-45.7435, 18.6047

0.0000, 0.0000,
0.0000


245.0820,
-38.0014, 8.6981

248.2740,


-25.7711, 5.8987


 251.4660,
-13.5407, 3.0993


 103.1740,
-50.8648, 27.9114

 106.4170,
-46.0546, 25.0673

 109.7740,
-40.8076, 22.1232

 112.5440,
-35.2712, 19.6939

 115.7870,
-30.4610, 16.8498

 119.1440,
-25.2140, 13.9057

■ 122.3870,
-20.4038, 11.0616

■ 125.6300,
-15.5936, 8.2175

■ 128.4000,
-10.0572, 5.7882

■ 131.7570, -4.8102,
2.8441

Harmonies

Analogous

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



106.5360, -36.2532, 54.7809



103.1740, -50.8648, 27.9114



99.8150, -39.8418, -7.7308

Triad

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



103.1740, -50.8648, 27.9114



94.1110, 28.0463, -82.5353



112.6380, 22.8565, 42.4135

Complementary

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



103.1740, -50.8648, 27.9114



31.8260, 50.8648, -27.9114

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.



111.1570, 38.8696, -7.1537



103.1740, -50.8648, 27.9114



95.6390, 44.0550, -83.8754

Square

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



103.1740, -50.8648, 27.9114



88.8670, 7.9536, -77.9364



91.4790, 53.5009, -80.2271



107.8790, 4.0037, 69.3891

Rectangle

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



103.1740, -50.8648, 27.9114



94.1670, -23.7463, -36.9805



91.4790, 53.5009, -80.2271



113.3310, 28.4308, 27.7737

Sweetspot

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



103.1740, -50.8648, 27.9114



163.5010, -19.9670, 10.9616



43.6710, -7.2328, 80.0955



81.8300, -12.2412, 6.2881



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.



103.1740, -50.8648, 27.9114



134.2170, -66.1690, 36.6437



108.2480, -53.3663, -9.8645



64.7290, -2.3314, 1.1147



99.3310, -48.9702, 26.8967



2.0710, -1.0210, 0.8147

Inverse Universe

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



31.8260, 50.8648, -27.9114



41.1960, 66.4584, -36.1289



26.7520, 53.3663, 9.8645



61.2710, 2.3314, -1.1147



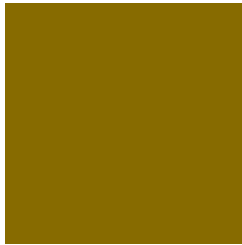
30.6690, 48.9702, -26.8967



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 103.1740, -50.8648, 27.9114 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 103.1740, -50.8648, 27.9114 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 103.1740, -50.8648, 27.9114

Background



This preview shows how black text looks on a background with the YUV color 103.1740, -50.8648, 27.9114.



This preview shows how white text looks on a background with the YUV color 103.1740, -50.8648, 27.9114.

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



Protanopia

103.2160, -47.9275, 19.1046

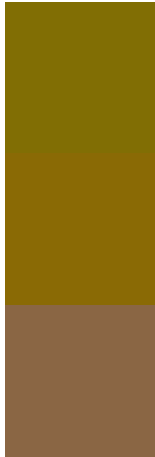
Deuteranopia

104.4070, -47.5287, 31.2151

Tritanopia

112.1710, -2.5493, 24.4060

Trichromacy



Protanomaly

103.5970, -49.1013, 22.2784

Deuteranomaly

104.0540, -48.8336, 29.7706

Tritanomaly

108.8880, -20.1578, 25.5312

Monochromacy



Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9570, -18.2198, 10.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1740, -50.8648, 27.9114 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(135, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 0)  
}
```

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(135, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 0) }
```

Border

The CSS property to change the border of an element to YUV 103.1740, -50.8648, 27.9114 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(135, 107, 0) }
```

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

```
.border{ border-color:rgb(135, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 103.1740, -50.8648, 27.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 0) }
```

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

```
.background{ background-color: rgb(135,  
107, 0) }
```

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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