

Converting Colors

YUV(116.5890, -56.9854,
31.0554)

Have a look what the booklet for
YUV(116.5890, -56.9854, 31.0554)
contains.

YUV(116.5890, -56.9854, 31.0554)	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(116.5890, -56.9854,
31.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	987901
RGB	152, 121, 1
RGB Percent	60%, 47%, 0%
CMY	0.4039, 0.5255, 0.9961
CMYK	0.00, 0.20, 0.99, 0.40
HSL	48°, 99%, 30%
HSV	48°, 99%, 60%
XYZ	19.7917, 20.3523, 2.9140
YIQ	116.5890, 56.9960, -30.7480

Conversions

Conversions Part 2

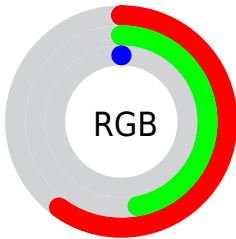
Format	Color
R_{YB}	40, 152, 1
Decimal	9992449
CIE Lab	52.23, 2.25, 57.82
CIE LCh	52, 57.864, 87.771
Yxy	20.3523, 0.4597, 0.4727
Android (android.graphics.Color)	4288182529 (0xFF987901)
YUV	116.5890, -56.9854, 31.0554
Hunter-Lab	45.1136, -0.6391, 27.7498

Details

The YUV color **116.5890, -56.9854, 31.0554** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **36.4110, 56.9854, -31.0554**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8650, -52.1914, 33.4444**, and **71.5550, -35.2766, 21.4383** is the 20% darker color. If you saturate the color by 10%, you get **116.4750, -57.4222, 31.1554**, and if you desaturate by 10%, it is **120.0600, -51.3016, 28.0114**.

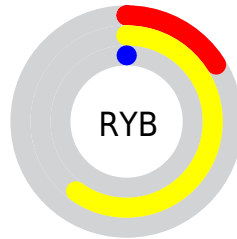
Distribution



Red (60%)

Green (47%)

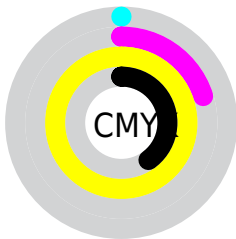
Blue (0%)



Red (16%)

Yellow (60%)

Blue (0%)

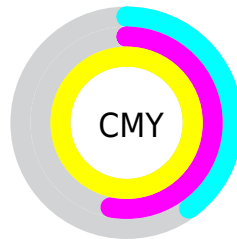


Cyan (0%)

Magenta (20%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5890, -56.9854, 31.0554 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 116.5890, -56.9854, 31.0554 by changing the saturation by 10% instead.

■ 116.5890,
-56.9854, 31.0554

■ 116.5890,
-56.9854, 31.0554

255.0000, 0.0000,
0.0000

■ 93.4280, -46.0600,
26.8116

■ 171.8650,
-52.1914, 33.4444

■ 71.5550, -35.2766,
21.4383

■ 199.7620,
-52.6337, 35.2887

■ 50.5680, -24.9300,
16.1649

■ 223.6470,
-51.5910, 27.4966

■ 30.7660, -15.1676,
11.6062

■ 242.5740,
-47.6110, 10.8976

■ 8.6050, -4.2423,
7.3624

■ 245.7660,
-35.3806, 8.0982

■ 0.0000, 0.0000,
0.0000

■ 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 116.5890,
-56.9854, 31.0554

■ 116.5890,
-56.9854, 31.0554

■ 116.4750,
-57.4222, 31.1554

■ 120.0600,
-51.3016, 28.0114

■ 123.5310,
-45.6178, 24.9673

■ 127.1160,
-39.4972, 21.8233

■ 130.5870,
-33.8134, 18.7792

■ 134.6450,
-28.4190, 15.2203

■ 138.1160,
-22.7352, 12.1763

■ 141.5870,
-17.0514, 9.1322

■ 145.1720,
-10.9308, 5.9882

■ 148.6430, -5.2470,
2.9441

Harmonies

Analogous

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



120.1300, -40.4901, 60.3990



116.5890, -56.9854, 31.0554



112.9630, -44.3518, -7.8606

Triad

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



116.5890, -56.9854, 31.0554



105.6690, 31.7152, -92.6717



127.2410, 25.0242, 47.1466

Complementary

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



116.5890, -56.9854, 31.0554



36.4110, 56.9854, -31.0554

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.



125.2970, 43.2376, -8.1535



116.5890, -56.9854, 31.0554



107.6530, 49.4711, -94.4117

Square

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



116.5890, -56.9854, 31.0554



99.8550, 9.4385, -87.5728



103.0200, 59.6431, -90.3485



121.6350, 4.1239, 77.4961

Rectangle

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



116.5890, -56.9854, 31.0554



106.7490, -26.4983, -40.9989



103.0200, 59.6431, -90.3485



128.4500, 31.3302, 31.1774

Sweetspot

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



116.5890, -56.9854, 31.0554



182.2300, -22.2984, 12.0763



49.9110, -7.8441, 89.5321



90.9010, -13.2622, 7.1028



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



116.5890, -56.9854, 31.0554



150.1760, -74.0368, 40.1876



121.9290, -59.6180, -11.3387



74.9140, -2.9156, 1.8294



107.0170, -52.7594, 28.9261



9.7570, -4.8102, 2.8441

Inverse Universe

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



36.4110, 56.9854, -31.0554



45.8240, 74.0368, -40.1876



31.0710, 59.6180, 11.3387



70.4990, 3.2050, -1.3146



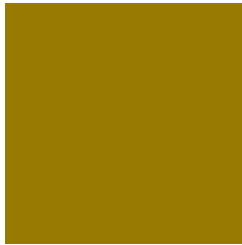
32.9830, 52.7594, -28.9261



3.2430, 4.8102, -2.8441

Previews

White Background



This preview shows how the YUV color 116.5890, -56.9854, 31.0554 looks on a white background.

Color Contrast Check

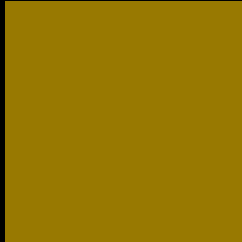
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5890, -56.9854, 31.0554 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 116.5890, -56.9854, 31.0554 Background



This preview shows how black text looks on a background with the YUV color 116.5890, -56.9854, 31.0554.

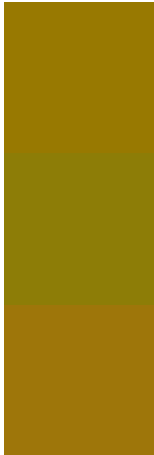


This preview shows how white text looks on a background with the YUV color 116.5890, -56.9854, 31.0554.

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

116.5890, -56.9854, 31.0554

Protanopia

116.3320, -53.9007, 21.6338

Deuteranopia

117.6480, -53.0705, 35.3887



Tritanopia

126.7800, -2.8495, 27.3799

Trichromacy



Original Color

116.5890, -56.9854, 31.0554

Protanomaly

116.7130, -55.0745, 24.8077

Deuteranomaly

117.2950, -54.3754, 33.9443

Tritanomaly

122.9270, -22.6420, 29.0050

Monochromacy



Original Color

116.5890, -56.9854, 31.0554

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6860, -20.5512, 11.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5890, -56.9854, 31.0554 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(152, 121, 1)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 1)  
}
```

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(152, 121, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 1) }
```

Border

The CSS property to change the border of an element to YUV 116.5890, -56.9854, 31.0554 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(152, 121, 1) }
```


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

```
.border{ border-color:rgb(152, 121, 1) }
```

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

Here you see how a box with a 4 pixel rgb(152, 121, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 1);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 116.5890, -56.9854, 31.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 1) }
```

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

```
.background{ background-color: rgb(152,  
121, 1) }
```

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