

Converting Colors

YUV(109.4070, -50.9797,
18.0601)

Have a look what the booklet for
YUV(109.4070, -50.9797, 18.0601)
contains.

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Color

**YUV(109.4070, -50.9797,
18.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	827706
RGB	130, 119, 6
RGB Percent	51%, 47%, 2%
CMY	0.4902, 0.5333, 0.9765
CMYK	0.00, 0.08, 0.95, 0.49
HSL	55°, 91%, 27%
HSV	55°, 95%, 51%
XYZ	15.8356, 17.9526, 2.8029
YIQ	109.4070, 42.8290, -32.8110

Conversions

Conversions Part 2

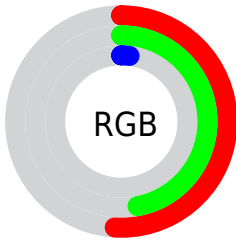
Format	Color
R_{YB}	18, 130, 6
Decimal	8550150
CIE Lab	49.44, -6.93, 53.77
CIE LCh	49, 54.217, 97.348
Yxy	17.9526, 0.4328, 0.4906
Android (android.graphics.Color)	4286740230 (0xFF827706)
YUV	109.4070, -50.9797, 18.0601
Hunter-Lab	42.3705, -7.4356, 25.7373

Details

The YUV color **109.4070, -50.9797, 18.0601** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **26.5930, 50.9797, -18.0601**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6290, -47.6381, 19.6194**, and **64.7000, -31.8971, 10.7871** is the 20% darker color. If you saturate the color by 10%, you get **108.1360, -53.3110, 19.1747**, and if you desaturate by 10%, it is **111.4760, -45.5907, 16.2455**.

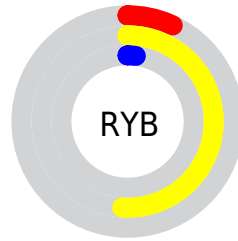
Distribution



Red (51%)

Green (47%)

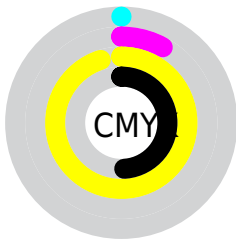
Blue (2%)



Red (7%)

Yellow (51%)

Blue (2%)

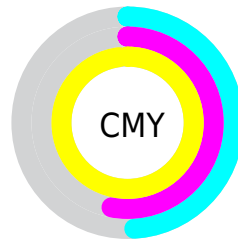


Cyan (0%)

Magenta (8%)

Yellow (95%)

Black (49%)



Cyan (49%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4070, -50.9797, 18.0601 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 109.4070, -50.9797, 18.0601 by changing the saturation by 10% instead.

■ 109.4070,
-50.9797, 18.0601

■ 109.4070,
-50.9797, 18.0601

■ 255.0000, 0.0000,
0.0000

■ 85.9750, -42.3857,
14.9309

■ 163.6290,
-47.6381, 19.6194

■ 64.7000, -31.8971,
10.7871

■ 191.1130,
-48.3697, 20.9489

■ 44.0120, -21.6979,
6.1285

■ 219.5970,
-49.1013, 22.2784

■ 24.2100, -11.9355,
1.5698


■ 242.6880,
-47.1742, 10.7976


■ 0.0000, 0.0000,
0.0000


■ 245.7660,
-35.3806, 8.0982


■ 248.9580,


-23.1503, 5.2988


 252.2640,
-10.4832, 2.3995


 109.4070,
-50.9797, 18.0601


 109.4070,
-50.9797, 18.0601


 108.1360,
-53.3110, 19.1747

 111.4760,
-45.5907, 16.2455

 113.5450,
-40.2017, 14.4310

 115.6140,
-34.8127, 12.6165

 118.2700,
-29.7131, 10.2872

 120.3390,
-24.3241, 8.4727

■ 122.4080,
-18.9351, 6.6582

■ 124.4770,
-13.5462, 4.8437

■ 126.5460, -8.1572,
3.0292

■ 128.6150, -2.7682,
1.2146

Harmonies

Analogous

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



113.1840, -42.4887, 48.0736



109.4070, -50.9797, 18.0601



104.7470, -33.3993, -20.8261

Triad

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



109.4070, -50.9797, 18.0601



100.6140, 35.1933, -88.2385



118.6350, 17.4349, 54.6941

Complementary

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



109.4070, -50.9797, 18.0601



26.5930, 50.9797, -18.0601

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.



120.5400, 34.7368, 11.8044



109.4070, -50.9797, 18.0601



100.5120, 50.0336, -88.1490

Square

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



109.4070, -50.9797, 18.0601



96.1850, 15.6848, -84.3542



98.4630, 54.4947, -72.3201



114.3760, -3.1434, 75.0922

Rectangle

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



109.4070, -50.9797, 18.0601



94.1300, -14.3611, -60.6270



98.4630, 54.4947, -72.3201



120.1650, 23.5827, 42.8283

Sweetspot

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



109.4070, -50.9797, 18.0601



160.0660, -20.2455, 6.9581



44.4440, -13.0369, 75.0326



79.5200, -12.0884, 3.9290



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.4070, -50.9797, 18.0601



140.0430, -69.0412, 24.5183



100.9140, -46.7926, -18.3416



62.6150, -2.7682, 1.2146



106.3640, -52.4375, 18.9748



0.0000, 0.0000, 0.0000

Inverse Universe

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



26.5930, 50.9797, -18.0601



27.9570, 69.0412, -24.5183



35.0860, 46.7926, 18.3416



58.3850, 2.7682, -1.2146



21.0490, 52.7268, -18.4600



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.4070, -50.9797, 18.0601 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 109.4070, -50.9797, 18.0601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

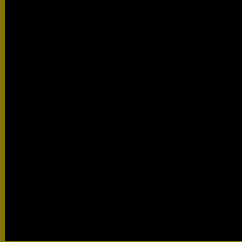
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.4070, -50.9797, 18.0601

Background



This preview shows how black text looks on a background with the YUV color 109.4070, -50.9797, 18.0601.



This preview shows how white text looks on a background with the YUV color 109.4070, -50.9797, 18.0601.

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

109.4070, -50.9797, 18.0601

Protanopia

109.6030, -51.5693, 20.5192

Deuteranopia

112.2330, -46.9499, 32.2447



Tritanopia

119.6860, -0.3382, 15.1844

Trichromacy



Original Color

109.4070, -50.9797, 18.0601

Protanomaly

109.3040, -51.4219, 19.9044

Deuteranomaly

111.4450, -48.5334, 26.7967

Tritanomaly

115.8760, -18.6729, 15.8947

Monochromacy



Original Color

109.4070, -50.9797, 18.0601

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.5220, -18.4983, 6.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4070, -50.9797, 18.0601 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(130, 119, 6)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 6)  
}
```

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(130, 119, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 6) }
```

Border

The CSS property to change the border of an element to YUV 109.4070, -50.9797, 18.0601 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(130, 119, 6) }
```


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

```
.border{ border-color:rgb(130, 119, 6) }
```

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

Here you see how a box with a 4 pixel rgb(130, 119, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 6);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 109.4070, -50.9797, 18.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 6) }
```

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

```
.background{ background-color: rgb(130,  
119, 6) }
```

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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