

Converting Colors

YUV(108.3470, -49.9641,
18.9897)

Have a look what the booklet for
YUV(108.3470, -49.9641, 18.9897)
contains.

YUV(108.3470, -49.9641, 18.9897)	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(108.3470, -49.9641,
18.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	827507
RGB	130, 117, 7
RGB Percent	51%, 46%, 3%
CMY	0.4902, 0.5412, 0.9725
CMYK	0.00, 0.10, 0.95, 0.49
HSL	54°, 90%, 27%
HSV	54°, 95%, 51%
XYZ	15.6056, 17.4837, 2.7532
YIQ	108.3470, 43.0580, -31.4540

Conversions

Conversions Part 2

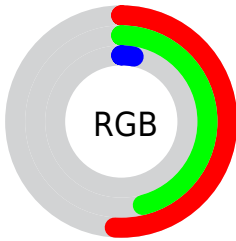
Format	Color
R_{YB}	22, 130, 7
Decimal	8549639
CIE Lab	48.86, -5.80, 53.13
CIE LCh	49, 53.447, 96.226
Yxy	17.4837, 0.4354, 0.4878
Android (android.graphics.Color)	4286739719 (0xFF827507)
YUV	108.3470, -49.9641, 18.9897
Hunter-Lab	41.8136, -6.5544, 25.3656

Details

The YUV color **108.3470, -49.9641, 18.9897** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **28.6530, 49.9641, -18.9897**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4550, -47.0593, 20.6490**, and **63.5260, -31.3183, 11.8167** is the 20% darker color. If you saturate the color by 10%, you get **106.9620, -52.7323, 20.2043**, and if you desaturate by 10%, it is **110.4160, -44.5751, 17.1752**.

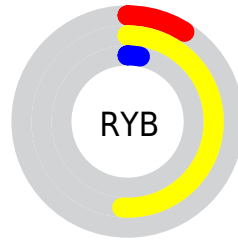
Distribution



Red (51%)

Green (46%)

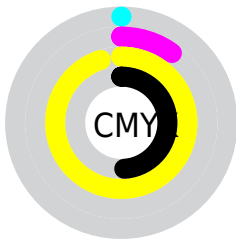
Blue (3%)



Red (9%)

Yellow (51%)

Blue (3%)

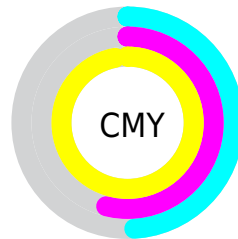


Cyan (0%)

Magenta (10%)

Yellow (95%)

Black (49%)



Cyan (49%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3470, -49.9641, 18.9897 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 108.3470, -49.9641, 18.9897 by changing the saturation by 10% instead.

■ 108.3470,
-49.9641, 18.9897

■ 108.3470,
-49.9641, 18.9897

■ 255.0000, 0.0000,
0.0000

■ 85.3880, -42.0963,
15.4457

■ 162.4550,
-47.0593, 20.6490

■ 63.5260, -31.3183,
11.8167

■ 189.9390,
-47.7909, 21.9785

■ 42.8380, -21.1191,
7.1581

■ 218.4230,
-48.5225, 23.3080

■ 23.6230, -11.6461,
2.0846

■ 240.8130,
-46.7428, 12.4420

■ 0.0000, 0.0000,
0.0000

■ 245.7660,
-35.3806, 8.0982

■ 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 108.3470,
-49.9641, 18.9897

■ 108.3470,
-49.9641, 18.9897

■ 106.9620,
-52.7323, 20.2043

■ 110.4160,
-44.5751, 17.1752

■ 113.0720,
-39.4755, 14.8459

■ 115.1410,
-34.0865, 13.0313

■ 117.2100,
-28.6975, 11.2168

■ 119.8660,
-23.5979, 8.8875

■ 121.9350,
-18.2090, 7.0730

■ 124.5910,
-13.1094, 4.7437

■ 126.6600, -7.7204,
2.9292

■ 128.7290, -2.3314,
1.1147

Harmonies

Analogous

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



111.8250, -41.3257, 48.3885



108.3470, -49.9641, 18.9897



103.7580, -33.4047, -19.0818

Triad

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



108.3470, -49.9641, 18.9897



99.0980, 34.4617, -86.9089



117.6240, 17.4404, 52.9498

Complementary

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



108.3470, -49.9641, 18.9897



28.6530, 49.9641, -18.9897

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.



118.9310, 35.0370, 8.8305



108.3470, -49.9641, 18.9897



98.9960, 49.3020, -86.8195

Square

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



108.3470, -49.9641, 18.9897



94.6690, 14.9532, -83.0247



92.7500, 55.8323, -81.3418



113.0060, -1.9750, 73.6627

Rectangle

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



108.3470, -49.9641, 18.9897



94.8210, -15.6878, -55.0940



92.7500, 55.8323, -81.3418



118.8550, 23.7355, 40.4692

Sweetspot

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



108.3470, -49.9641, 18.9897



159.7070, -19.0826, 7.2730



45.3730, -12.0159, 74.2179



79.0470, -11.3622, 4.3438



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.



108.3470, -49.9641, 18.9897



138.8690, -68.4624, 25.5479



101.9250, -46.7980, -16.5972



62.6150, -2.7682, 1.2146



105.1900, -51.8587, 20.0044



0.0000, 0.0000, 0.0000

Inverse Universe

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



28.6530, 49.9641, -18.9897



29.7180, 68.1730, -26.0627



35.0750, 46.7980, 16.5972



58.3850, 2.7682, -1.2146



22.2230, 52.1481, -19.4896



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 108.3470, -49.9641, 18.9897 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 108.3470, -49.9641, 18.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

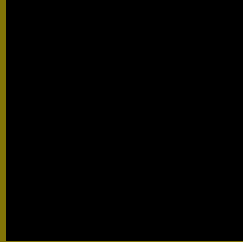
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.3470, -49.9641, 18.9897

Background



This preview shows how black text looks on a background with the YUV color 108.3470, -49.9641, 18.9897.



This preview shows how white text looks on a background with the YUV color 108.3470, -49.9641, 18.9897.

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

108.3470, -49.9641, 18.9897

Protanopia

108.6460, -50.1115, 19.6045

Deuteranopia

110.3470, -46.5131, 32.1447



Tritanopia

118.2840, -0.6330, 16.4139

Trichromacy



Original Color

108.3470, -49.9641, 18.9897

Protanomaly

108.6460, -50.1115, 19.6045

Deuteranomaly

109.9720, -47.8072, 27.2116

Tritanomaly

114.5880, -18.5309, 17.0243

Monochromacy



Original Color

108.3470, -49.9641, 18.9897

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9350, -18.2090, 7.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3470, -49.9641, 18.9897 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, 117, 7)` looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 7)  
}
```

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, 117, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 7) }
```

Border

The CSS property to change the border of an element to YUV 108.3470, -49.9641, 18.9897 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, 117, 7) }
```


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

```
.border{ border-color:rgb(130, 117, 7) }
```

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

Here you see how a box with a 4 pixel rgb(130, 117, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 7);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 108.3470, -49.9641, 18.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 7) }
```

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

```
.background{ background-color: rgb(130,  
117, 7) }
```

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