

Converting Colors

YUV(120.0510, -10.8711,
-13.1997)

Have a look what the booklet for
YUV(120.0510, -10.8711, -13.1997)
contains.

YUV(120.0510, -10.8711, -13.1997)	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(120.0510, -10.8711,
-13.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	698462
RGB	105, 132, 98
RGB Percent	41%, 52%, 38%
CMY	0.5882, 0.4824, 0.6157
CMYK	0.20, 0.00, 0.26, 0.48
HSL	108°, 15%, 45%
HSV	108°, 26%, 52%
XYZ	16.2816, 20.3876, 14.6323
YIQ	120.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

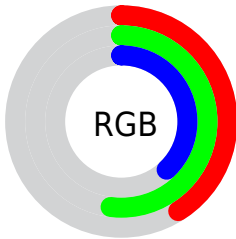
Format	Color
R_{YB}	98, 132, 125
Decimal	6915170
CIE _{Lab}	52.27, -16.59, 15.27
CIE _{LCh}	52, 22.548, 137.377
Yxy	20.3876, 0.3174, 0.3974
Android (android.graphics.Color)	4285105250 (0xFF698462)
YUV	120.0510, -10.8711, -13.1997
Hunter-Lab	45.1527, -14.6520, 12.3931

Details

The YUV color **120.0510, -10.8711, -13.1997** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **109.9490, 10.8711, 13.1997**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5240, -11.5973, -13.6145**, and **70.9910, -9.8556, -12.2701** is the 20% darker color. If you saturate the color by 10%, you get **115.5790, -15.0754, -18.0478**, and if you desaturate by 10%, it is **124.5230, -6.6668, -8.3517**.

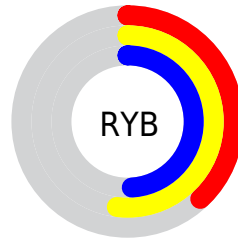
Distribution



Red (41%)

Green (52%)

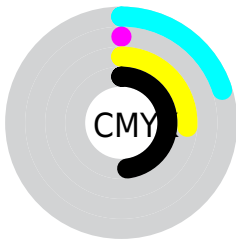
Blue (38%)



Red (38%)

Yellow (52%)

Blue (49%)

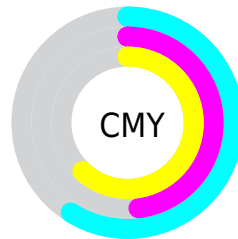


Cyan (20%)

Magenta (0%)

Yellow (26%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0510, -10.8711, -13.1997 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 120.0510, -10.8711, -13.1997 by changing the saturation by 10% instead.

■ 120.0510,
-10.8711, -13.1997

■ 120.0510,
-10.8711, -13.1997

■ 255.0000, 0.0000,
0.0000

■ 95.1650, -10.4343,
-13.2997

■ 172.5240,
-11.5973, -13.6145

■ 70.9910, -9.8556,
-12.2701

■ 200.1110,
-11.8867, -14.1293

■ 48.5180, -9.1294,
-11.8553

■ 227.9970,
-12.3235, -14.0294

■ 26.5890, -10.1504,
-11.0406

■ 247.7790, -8.2720,
-6.8222

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 120.0510,
-10.8711, -13.1997

■ 120.0510,
-10.8711, -13.1997

■ 115.5790,
-15.0754, -18.0478

■ 124.5230, -6.6668,
-8.3517

■ 110.8080,
-19.1323, -23.5106

■ 129.2940, -2.6099,
-2.8888

■ 106.2220,
-23.7734, -28.2587

■ 133.8800, 2.0312,
1.8592

■ 101.4510,
-27.8303, -33.7215

■ 138.6510, 6.0881,
7.3221

■ 96.9790, -32.0346,
-38.5696

■ 143.1230, 10.2924,
12.1701

■ 92.2080, -36.0915,
-44.0324

■ 147.8940, 14.3493,
17.6330

■ 87.7360, -40.2958,
-48.8805

■ 152.3660, 18.5536,
22.4810

■ 85.5570, -42.1796,

■ 157.2510, 23.0473,

-51.3545

27.8439

 161.7230, 27.2516,
32.6919

Harmonies

Analogous

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



122.5540, -17.0351, 3.8991



120.0510, -10.8711, -13.1997



117.2860, -0.6340, -30.0688

Triad

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



120.0510, -10.8711, -13.1997



120.5030, 20.4580, -28.5051



127.1890, -6.5022, 32.2832

Complementary

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



120.0510, -10.8711, -13.1997



109.9490, 10.8711, 13.1997

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.



127.6750, 3.1182, 26.5950



120.0510, -10.8711, -13.1997



125.2390, 17.6302, -8.1026

Square

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



120.0510, -10.8711, -13.1997



115.7310, 17.8806, -41.8601



127.4650, 11.6028, 11.8702



125.5170, -14.0589, 29.3646

Rectangle

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



120.0510, -10.8711, -13.1997



115.1800, 6.8133, -38.7459



127.4650, 11.6028, 11.8702



127.1010, -3.0078, 31.4834

Sweetspot

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



120.0510, -10.8711, -13.1997



166.1150, -4.4937, -5.3629



124.0150, -12.8254, 7.0028



83.8810, -2.8993, -3.4036



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



120.0510, -10.8711, -13.1997



152.4000, -16.9592, -20.5218



119.0980, -5.4713, -18.5029



63.8210, -1.8838, -2.4740



84.3830, -41.6008, -50.3249



2.0600, -1.0156, -0.9296

Inverse Universe

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



109.9490, 10.8711, 13.1997



136.6000, 16.9592, 20.5218



110.9020, 5.4713, 18.5029



62.1790, 1.8838, 2.4740



45.6170, 41.6008, 50.3249



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 120.0510, -10.8711, -13.1997 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 120.0510, -10.8711, -13.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

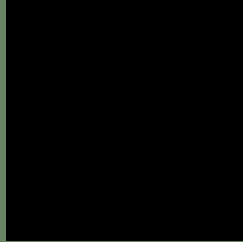
Any Text WCAG AA ✓ Pass

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 120.0510, -10.8711, -13.1997 Background



This preview shows how black text looks on a background with the YUV color 120.0510, -10.8711, -13.1997.



This preview shows how white text looks on a background with the YUV color 120.0510, -10.8711, -13.1997.

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

120.0510, -10.8711, -13.1997

Protanopia

123.2710, -14.4306, 8.5323

Deuteranopia

124.7220, -11.6949, 17.7838



Tritanopia

123.3560, 6.7265, -10.8362

Trichromacy



Original Color

120.0510, -10.8711, -13.1997

Protanomaly

122.1560, -13.3879, 0.7402

Deuteranomaly

123.0580, -11.3676, 6.0881

Tritanomaly

122.3360, 0.3274, -11.6957

Monochromacy



Original Color

120.0510, -10.8711, -13.1997

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0510, -10.8711, -13.1997 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(105, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(105, 132, 98)  
}
```

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(105, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 132, 98) }
```

Border

The CSS property to change the border of an element to YUV 120.0510, -10.8711, -13.1997 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(105, 132, 98) }
```


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

```
.border{ border-color:rgb(105, 132, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 132, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(105, 132,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 120.0510, -10.8711, -13.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 132, 98) }
```

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

```
.background{ background-color: rgb(105,  
132, 98) }
```

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