

Converting Colors

YUV(117.4920, -13.0606,
-10.9555)

Have a look what the booklet for
YUV(117.4920, -13.0606, -10.9555)
contains.

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Color

**YUV(117.4920, -13.0606,
-10.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	69815B
RGB	105, 129, 91
RGB Percent	41%, 51%, 36%
CMY	0.5882, 0.4941, 0.6431
CMYK	0.19, 0.00, 0.29, 0.49
HSL	98°, 17%, 43%
HSV	98°, 29%, 51%
XYZ	15.5643, 19.4591, 12.8332
YIQ	117.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

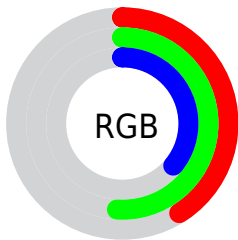
Format	Color
RYB	91, 129, 115
Decimal	6914395
CIELab	51.22, -16.19, 17.84
CIELCh	51, 24.092, 132.234
Yxy	19.4591, 0.3252, 0.4066
Android (android.graphics.Color)	4285104475 (0xFF69815B)
YUV	117.4920, -13.0606, -10.9555
Hunter-Lab	44.1125, -14.2164, 13.6301

Details

The YUV color **117.4920, -13.0606, -10.9555** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.5080, 13.0606, 10.9555**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8510, -14.2235, -11.2703**, and **69.1330, -11.8976, -10.6406** is the 20% darker color. If you saturate the color by 10%, you get **113.6180, -17.5597, -14.5740**, and if you desaturate by 10%, it is **121.3660, -8.5614, -7.3370**.

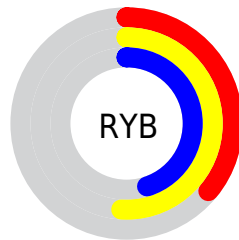
Distribution



Red (41%)

Green (51%)

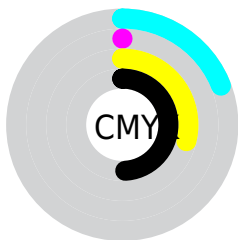
Blue (36%)



Red (36%)

Yellow (51%)

Blue (45%)

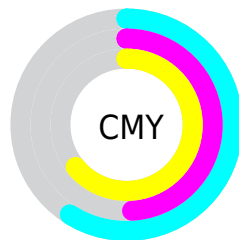


Cyan (19%)

Magenta (0%)

Yellow (29%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4920, -13.0606, -10.9555 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 117.4920, -13.0606, -10.9555 by changing the saturation by 10% instead.

■ 117.4920,
-13.0606, -10.9555

■ 117.4920,
-13.0606, -10.9555

■ 255.0000, 0.0000,
0.0000

■ 92.6060, -12.6238,
-11.0555

■ 169.8510,
-14.2235, -11.2703

■ 69.1330, -11.8976,
-10.6406

■ 197.4380,
-14.5129, -11.7851

■ 46.5460, -11.6082,
-10.1258

■ 225.3240,
-14.9497, -11.6851

■ 25.3290, -12.4872,
-8.1815

■ 246.8670,
-11.7664, -6.0224

■ 4.6960, -2.3151,
-4.1184

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 117.4920,
-13.0606, -10.9555

■ 117.4920,
-13.0606, -10.9555

■ 113.6180,
-17.5597, -14.5740

■ 121.3660, -8.5614,
-7.3370

■ 109.7440,
-22.0588, -18.1925

■ 125.2400, -4.0623,
-3.7185

■ 105.8700,
-26.5579, -21.8110

■ 129.1140, 0.4368,
-0.1000

■ 101.6970,
-30.9096, -26.0443

■ 133.2870, 4.7885,
4.1333

■ 97.9370, -34.9719,
-29.7627

■ 137.0470, 8.8508,
7.8518

■ 94.0630, -39.4711,
-33.3813

■ 140.9210, 13.3499,
11.4703

■ 90.1890, -43.9702,
-36.9998

■ 144.7950, 17.8491,
15.0888

■ 90.0750, -44.4070,

■ 148.6690, 22.3482,

-36.8998

18.7073

■ 152.5430, 26.8473,
22.3258

Harmonies

Analogous

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



119.8210, -18.6458, 7.1730



117.4920, -13.0606, -10.9555



114.1290, -2.5286, -29.0541

Triad

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



117.4920, -13.0606, -10.9555



116.5130, 21.9321, -34.6529



124.5420, -5.1972, 33.7277

Complementary

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



117.4920, -13.0606, -10.9555



102.5080, 13.0606, 10.9555

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.



125.1310, 4.8654, 26.1951



117.4920, -13.0606, -10.9555



121.4880, 19.9724, -12.7060

Square

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



117.4920, -13.0606, -10.9555



111.2140, 18.6285, -48.4227



124.7250, 13.9396, 9.0112



123.2400, -13.9223, 32.2385

Rectangle

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



117.4920, -13.0606, -10.9555



111.8270, 5.5083, -40.1903



124.7250, 13.9396, 9.0112



125.0410, -1.9922, 32.4130

Sweetspot

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



117.4920, -13.0606, -10.9555



163.5990, -5.2253, -4.0333



115.8630, -12.2575, 11.5211



81.1800, -3.0467, -2.7889



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.



117.4920, -13.0606, -10.9555



150.2110, -20.3170, -16.8480



113.7620, -9.2497, -19.9623



62.0060, -2.4680, -1.7593



89.1890, -43.9702, -36.9998



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.5080, 13.0606, 10.9555



127.0880, 20.1696, 17.4628



106.2380, 9.2497, 19.9623



58.9940, 2.4680, 1.7593



38.8110, 43.9702, 36.9998



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.4920, -13.0606, -10.9555 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 117.4920, -13.0606, -10.9555 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 117.4920, -13.0606, -10.9555 Background



This preview shows how black text looks on a background with the YUV color 117.4920, -13.0606, -10.9555.



This preview shows how white text looks on a background with the YUV color 117.4920, -13.0606, -10.9555.

-10.9555.

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

117.4920, -13.0606, -10.9555

Protanopia

120.8150, -16.1778, 8.9322

Deuteranopia

122.1520, -13.8789, 18.2837



Tritanopia

121.4380, 5.7001, -8.2771

Trichromacy



Original Color

117.4920, -13.0606, -10.9555

Protanomaly

119.9990, -15.2825, 1.7549

Deuteranomaly

120.2000, -13.4096, 7.7176

Tritanomaly

120.0050, -0.9885, -9.6514

Monochromacy



Original Color

117.4920, -13.0606, -10.9555

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4920, -13.0606, -10.9555 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, 129, 91)` looks like.

```
.text, #text, p{  
    color:rgb(105, 129, 91)  
}
```

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, 129, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 129, 91) }
```

Border

The CSS property to change the border of an element to YUV 117.4920, -13.0606, -10.9555 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, 129, 91) }
```


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

```
.border{ border-color:rgb(105, 129, 91) }
```

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

Here you see how a box with a 4 pixel rgb(105, 129, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 129, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 129, 91);  
box-shadow:4px 4px 4px 4px rgb(105, 129,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 117.4920, -13.0606, -10.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 129, 91) }
```

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

```
.background{ background-color: rgb(105,  
129, 91) }
```

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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