

Converting Colors

YUV(117.3510, -15.9490,
-17.8478)

Have a look what the booklet for
YUV(117.3510, -15.9490, -17.8478)
contains.

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Color

**YUV(117.3510, -15.9490,
-17.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	618655
RGB	97, 134, 85
RGB Percent	38%, 53%, 33%
CMY	0.6196, 0.4745, 0.6667
CMYK	0.28, 0.00, 0.37, 0.47
HSL	105°, 22%, 43%
HSV	105°, 37%, 53%
XYZ	15.0946, 20.2475, 11.7069
YIQ	117.3510, -6.3230, -23.0830

Conversions

Conversions Part 2

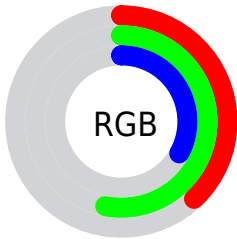
Format	Color
R_{YB}	85, 134, 122
Decimal	6391381
CIE _{Lab}	52.12, -22.83, 22.34
CIE _{LCh}	52, 31.945, 135.629
Yxy	20.2475, 0.3208, 0.4303
Android (android.graphics.Color)	4284581461 (0xFF618655)
YUV	117.3510, -15.9490, -17.8478
Hunter-Lab	44.9972, -18.8662, 16.0725

Details

The YUV color **117.3510, -15.9490, -17.8478** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **101.6490, 15.9490, 17.8478**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7100, -17.1120, -18.1627**, and **68.1060, -14.3493, -17.6330** is the 20% darker color. If you saturate the color by 10%, you get **112.8790, -20.1533, -22.6959**, and if you desaturate by 10%, it is **121.8230, -11.7447, -12.9998**.

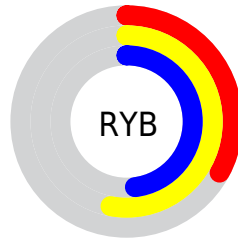
Distribution



Red (38%)

Green (53%)

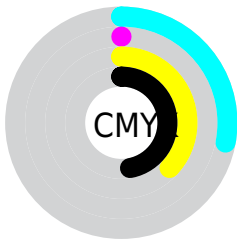
Blue (33%)



Red (33%)

Yellow (53%)

Blue (48%)

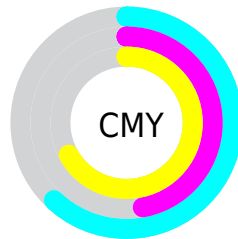


Cyan (28%)

Magenta (0%)

Yellow (37%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3510, -15.9490, -17.8478 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 117.3510, -15.9490, -17.8478 by changing the saturation by 10% instead.

■ 117.3510,
-15.9490, -17.8478

■ 117.3510,
-15.9490, -17.8478

■ 255.0000, 0.0000,
0.0000

■ 92.4650, -15.5122,
-17.9478

■ 169.7100,
-17.1120, -18.1627

■ 68.1060, -14.3493,
-17.6330

■ 197.2970,
-17.4014, -18.6775

■ 45.2200, -13.9125,
-17.7329

■ 225.7700,
-18.1276, -19.0923

■ 23.5020, -11.5865,
-17.1033

■ 243.7910,
-13.2080, -10.3407

■ 8.2180, -4.0515,
-7.2072

■ 253.8600, -4.3680,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 117.3510,
-15.9490, -17.8478

■ 117.3510,
-15.9490, -17.8478

■ 112.8790,
-20.1533, -22.6959

■ 121.8230,
-11.7447, -12.9998

■ 108.2930,
-24.7944, -27.4440

■ 126.4090, -7.1036,
-8.2517

■ 103.8210,
-28.9988, -32.2920

■ 130.8810, -2.8993,
-3.4036

■ 99.2350, -33.6399,
-37.0401

■ 135.4670, 1.7418,
1.3444

■ 94.4640, -37.6968,
-42.5029

■ 140.2380, 5.7987,
6.8073

■ 89.9920, -41.9011,
-47.3510

■ 144.7100, 10.0030,
11.6553

■ 88.5250, -43.6428,
-48.6954

■ 149.2960, 14.6441,
16.4034

■ 153.7680, 18.8484,

21.2515

■ 158.3540, 23.4895,
25.9995

Harmonies

Analogous

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



120.9150, -24.6081, 6.2135



117.3510, -15.9490, -17.8478



111.7850, -0.8800, -44.5384

Triad

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



117.3510, -15.9490, -17.8478



114.1180, 31.0008, -50.0925



126.0380, -7.4137, 44.6937

Complementary

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



117.3510, -15.9490, -17.8478



101.6490, 15.9490, 17.8478

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.



127.4250, 5.7065, 36.4613



117.3510, -15.9490, -17.8478



123.7850, 26.2350, -14.7204

Square

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



117.3510, -15.9490, -17.8478



99.0010, 31.5515, -86.8239



127.6810, 17.4123, 15.1888



124.9160, -19.1856, 40.4157

Rectangle

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



117.3510, -15.9490, -17.8478



104.9700, 11.8468, -66.6257



127.6810, 17.4123, 15.1888



126.7650, -3.3351, 43.1791

Sweetspot

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



117.3510, -15.9490, -17.8478



166.6480, -6.2355, -6.7073



121.3700, -17.9304, 11.0765



82.9410, -3.9149, -4.3333



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.



117.3510, -15.9490, -17.8478



147.2930, -24.7944, -27.4440



115.1310, -8.9386, -26.4249



63.8210, -1.8838, -2.4740



85.8780, -42.3379, -47.2510



2.0600, -1.0156, -0.9296

Inverse Universe

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



101.6490, 15.9490, 17.8478



123.0060, 24.6470, 28.0587



103.8690, 8.9386, 26.4249



62.1790, 1.8838, 2.4740



44.1220, 42.3379, 47.2510



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 117.3510, -15.9490, -17.8478 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 117.3510, -15.9490, -17.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

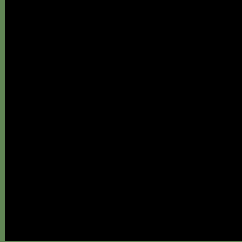
Any Text WCAG AA ✓ Pass

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 117.3510, -15.9490, -17.8478 Background



This preview shows how black text looks on a background with the YUV color 117.3510, -15.9490, -17.8478.



This preview shows how white text looks on a background with the YUV color 117.3510, -15.9490, -17.8478.

-17.8478.

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

117.3510, -15.9490, -17.8478

Protanopia

122.3870, -20.4038, 11.0616

Deuteranopia

123.8380, -17.6681, 20.3131



Tritanopia

122.5620, 7.6109, -14.5249

Trichromacy



Original Color

117.3510, -15.9490, -17.8478

Protanomaly

120.6630, -19.0609, 0.2955

Deuteranomaly

121.2770, -16.8986, 6.7731

Tritanomaly

120.6730, -0.8248, -15.4992

Monochromacy



Original Color

117.3510, -15.9490, -17.8478

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3510, -15.9490, -17.8478 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(97, 134, 85)` looks like.

```
.text, #text, p{  
    color:rgb(97, 134, 85)  
}
```

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(97, 134, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 134, 85) }
```

Border

The CSS property to change the border of an element to YUV 117.3510, -15.9490, -17.8478 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(97, 134, 85) }
```


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

```
.border{ border-color:rgb(97, 134, 85) }
```

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

Here you see how a box with a 4 pixel rgb(97, 134, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 134, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 134, 85);  
box-shadow:4px 4px 4px 4px rgb(97, 134,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 117.3510, -15.9490, -17.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 134, 85) }
```

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

```
.background{ background-color: rgb(97, 134,  
85) }
```

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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