

Converting Colors

YUV(158.4510, -7.6173,
-30.2135)

Have a look what the booklet for
YUV(158.4510, -7.6173, -30.2135)
contains.

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Color

**YUV(158.4510, -7.6173,
-30.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB38F
RGB	124, 179, 143
RGB Percent	49%, 70%, 56%
CMY	0.5137, 0.2980, 0.4392
CMYK	0.31, 0.00, 0.20, 0.30
HSL	141°, 27%, 59%
HSV	141°, 31%, 70%
XYZ	29.3902, 38.5085, 31.8704
YIQ	158.4510, -21.2240, -22.8560

Conversions

Conversions Part 2

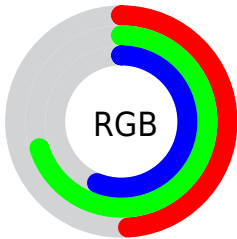
Format	Color
RYB	124, 165, 179
Decimal	8172431
CIELab	68.39, -25.66, 12.71
CIELCh	68, 28.633, 153.639
Yxy	38.5085, 0.2946, 0.3860
Android (android.graphics.Color)	4286362511 (0xFF7CB38F)
YUV	158.4510, -7.6173, -30.2135
Hunter-Lab	62.0552, -24.0565, 12.9883

Details

The YUV color **158.4510, -7.6173, -30.2135** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **144.5490, 7.6173, 30.2135**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6250, -8.1961, -31.2431**, and **106.3910, -6.6018, -29.2839** is the 20% darker color. If you saturate the color by 10%, you get **151.7010, -10.2056, -40.0798**, and if you desaturate by 10%, it is **165.2010, -5.0291, -20.3473**.

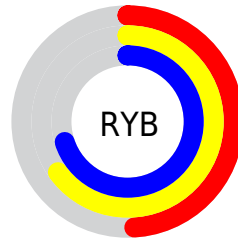
Distribution



Red (49%)

Green (70%)

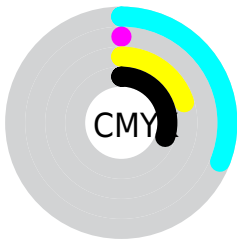
Blue (56%)



Red (49%)

Yellow (65%)

Blue (70%)

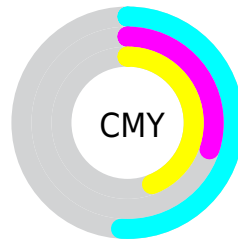


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4510, -7.6173, -30.2135 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 158.4510, -7.6173, -30.2135 by changing the saturation by 10% instead.

■ 158.4510, -7.6173,
-30.2135

■ 158.4510, -7.6173,
-30.2135

255.0000, 0.0000,
0.0000

■ 131.8640, -7.3280,
-29.6987

■ 213.6250, -8.1961,
-31.2431

■ 106.3910, -6.6018,
-29.2839

■ 236.9290, -5.8810,
-27.1247

■ 81.5050, -6.1650,
-29.3839

■ 248.4930, 2.2220,
-12.7104

■ 56.5480, -4.7072,
-30.2986

■ 33.9610, -4.4178,
-29.7838

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 158.4510, -7.6173,
-30.2135

■ 158.4510, -7.6173,
-30.2135

■ 151.7010,
-10.2056, -40.0798

■ 165.2010, -5.0291,
-20.3473

■ 145.0650,
-12.3570, -50.0460

■ 171.8370, -2.8776,
-10.3810

■ 138.3150,
-14.9453, -59.9123

■ 178.5870, -0.2894,
-0.5148

■ 131.5650,
-17.5335, -69.7785

■ 185.3370, 2.2989,
9.3515

■ 125.1140,
-20.2692, -79.0300

■ 191.7880, 5.0345,
18.6029

■ 118.4780,
-22.4207, -88.9962

■ 198.4240, 7.1860,
28.5692

■ 112.1410,
-24.7195, -98.3477

■ 205.1740, 9.7742,
38.4354

■ 208.3360, 14.1314,
40.9243

■ 209.5900, 18.9361,
39.8246

Harmonies

Analogous

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



162.2060, -19.3286, -7.1967



158.4510, -7.6173, -30.2135



154.5160, 7.1406, -50.4415

Triad

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



158.4510, -7.6173, -30.2135



164.7300, 26.2621, -23.4422



168.7790, -14.6810, 42.2898

Complementary

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



158.4510, -7.6173, -30.2135



144.5490, 7.6173, 30.2135

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.



170.5690, -2.7455, 40.7200



158.4510, -7.6173, -30.2135



169.5980, 19.9182, 4.7376

Square

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



158.4510, -7.6173, -30.2135



157.9780, 26.6328, -49.0927



170.9940, 9.3700, 28.0693



166.9490, -22.6529, 32.4937

Rectangle

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



158.4510, -7.6173, -30.2135



153.2790, 16.6245, -59.0037



170.9940, 9.3700, 28.0693



169.7020, -11.1921, 43.2343

Sweetspot

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



158.4510, -7.6173, -30.2135



224.1250, -3.0196, -11.5106



167.3480, -21.3706, -5.5672



112.2010, -1.5781, -7.1923



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



158.4510, -7.6173, -30.2135



199.9020, -11.7837, -47.2721



161.5290, 4.1762, -32.9129



85.6250, -1.2941, -4.9331



95.8530, -21.1265, -84.0631



16.2880, -3.5930, -14.2846

Inverse Universe

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



144.5490, 7.6173, 30.2135



178.0980, 11.7837, 47.2721



141.4710, -4.1762, 32.9129



83.3750, 1.2941, 4.9331



57.1470, 21.1265, 84.0631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 158.4510, -7.6173, -30.2135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 158.4510, -7.6173, -30.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

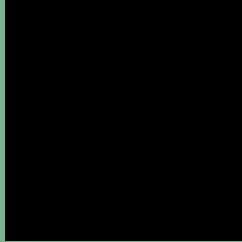
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4510, -7.6173, -30.2135

Background



This preview shows how black text looks on a background with the YUV color 158.4510, -7.6173, -30.2135.



This preview shows how white text looks on a background with the YUV color 158.4510, -7.6173,

-30.2135.

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

158.4510, -7.6173, -30.2135

Protanopia

165.6840, -14.1412, 9.0471

Deuteranopia

167.1890, -9.9532, 19.1282



Tritanopia

162.6360, 12.0115, -25.9908

Trichromacy



Original Color

158.4510, -7.6173, -30.2135

Protanomaly

163.1660, -11.9138, -5.4076

Deuteranomaly

164.0080, -8.8779, 0.8700

Tritanomaly

161.0890, 4.8861, -27.2651

Monochromacy



Original Color

158.4510, -7.6173, -30.2135

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.5380, -2.7302, -10.9958

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4510, -7.6173, -30.2135 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(124, 179, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 179, 143)  
}
```

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(124, 179, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 179, 143) }
```

Border

The CSS property to change the border of an element to YUV 158.4510, -7.6173, -30.2135 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(124, 179, 143) }
```


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

```
.border{ border-color:rgb(124, 179, 143) }
```

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

Here you see how a box with a 4 pixel rgb(124, 179, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 179, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 179, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 179,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 158.4510, -7.6173, -30.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 179, 143) }
```

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

```
.background{ background-color: rgb(124,  
179, 143) }
```

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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