

# Converting Colors

YUV(159.1030, -6.4598,  
-28.1543)

Have a look what the booklet for  
YUV(159.1030, -6.4598, -28.1543)  
contains.

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# Color

**YUV(159.1030, -6.4598,  
-28.1543)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB292
RGB	127, 178, 146
RGB Percent	50%, 70%, 57%
CMY	0.5020, 0.3020, 0.4275
CMYK	0.29, 0.00, 0.18, 0.30
HSL	142°, 25%, 60%
HSV	142°, 29%, 70%
XYZ	29.8611, 38.4281, 33.0377
YIQ	159.1030, -20.1240, -20.7640

# Conversions

## Conversions Part 2

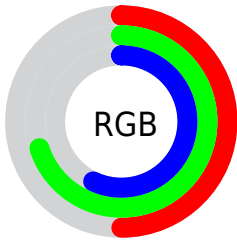
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 164, 178</a>
Decimal	<a href="#">8368786</a>
CIELab	<a href="#">68.33, -23.61, 11.01</a>
CIELCh	<a href="#">68, 26.048, 154.994</a>
Yxy	<a href="#">38.4281, 0.2947, 0.3792</a>
Android (android.graphics.Color)	<a href="#">4286558866 (0xFF7FB292)</a>
YUV	<a href="#">159.1030, -6.4598, -28.1543</a>
Hunter-Lab	<a href="#">61.9904, -22.4989, 11.7948</a>

# Details

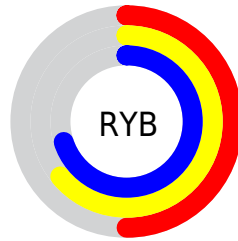
The YUV color **159.1030, -6.4598, -28.1543** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **145.8970, 6.4598, 28.1543**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2770, -7.0386, -29.1839**, and **106.9290, -5.8810, -27.1247** is the 20% darker color. If you saturate the color by 10%, you get **152.4670, -8.6112, -38.1206**, and if you desaturate by 10%, it is **165.7390, -4.3083, -18.1881**.

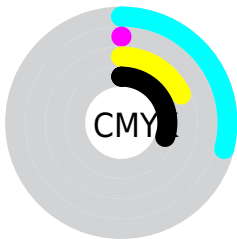
# Distribution



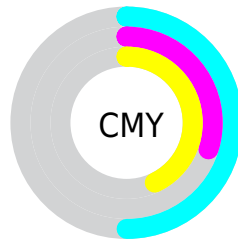
- Red (50%)
- Green (70%)
- Blue (57%)



- Red (50%)
- Yellow (64%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.1030, -6.4598, -28.1543 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 159.1030, -6.4598, -28.1543 by changing the saturation by 10% instead.



■ 159.1030, -6.4598,  
-28.1543

■ 159.1030, -6.4598,  
-28.1543

255.0000, 0.0000,  
0.0000

■ 132.5160, -6.1704,  
-27.6395

■ 214.2770, -7.0386,  
-29.1839

■ 106.9290, -5.8810,  
-27.1247

■ 238.1680, -5.0128,  
-25.5803

■ 82.4560, -5.1548,  
-26.7099

■ 249.6180, 2.6533,  
-11.0660

■ 58.2710, -4.5706,  
-27.4247

■ 34.3030, -3.1074,  
-30.0837

■ 19.1260, -7.9501,  
-16.7735

■ 0.0000, 0.0000,

0.0000

■ 159.1030, -6.4598,  
-28.1543

■ 159.1030, -6.4598,  
-28.1543

■ 152.4670, -8.6112,  
-38.1206

■ 165.7390, -4.3083,  
-18.1881

■ 145.8310,  
-10.7627, -48.0868

■ 172.3750, -2.1569,  
-8.2219

■ 139.3800,  
-13.4983, -57.3383

■ 178.8260, 0.5788,  
1.0296

■ 132.7440,  
-15.6498, -67.3045

■ 185.4620, 2.7302,  
10.9958

■ 126.1080,  
-17.8012, -77.2707

■ 192.0980, 4.8817,  
20.9621

■ 119.4720,  
-19.9527, -87.2369

■ 198.7340, 7.0331,  
30.9283

■ 112.8360,  
-22.1041, -97.2032

■ 205.3700, 9.1846,  
40.8945

■ 112.0100,  
-22.6829, -98.2328

■ 207.5210, 13.5471,  
41.6391

■ 208.8890, 18.7887,  
40.4393

# Harmonies

## Analogous

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



162.1890, -16.8552, -7.1818



159.1030, -6.4598, -28.1543



156.1360, 6.8350, -45.7233

# Triad

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



159.1030, -6.4598, -28.1543



165.0680, 23.6305, -19.3536



168.9850, -13.7966, 38.6012

# Complementary

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



159.1030, -6.4598, -28.1543



145.8970, 6.4598, 28.1543

# 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.



169.7320, -3.3189, 37.9460



159.1030, -6.4598, -28.1543



169.0280, 17.7342, 5.2374

# Square

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



159.1030, -6.4598, -28.1543



159.4520, 24.4272, -41.6154



170.3420, 8.2124, 26.0101



167.0950, -20.7528, 29.7347



# Rectangle

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



159.1030, -6.4598, -28.1543



154.9810, 15.2924, -51.7263



170.3420, 8.2124, 26.0101



168.9080, -10.3076, 39.5457

# Sweetspot

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



159.1030, -6.4598, -28.1543



224.2390, -2.5828, -11.6106



166.5050, -19.4760, -6.5819



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.



159.1030, -6.4598, -28.1543



202.7930, -9.7579, -43.6685



161.9530, 4.4602, -30.6538



85.7390, -0.8573, -5.0331



96.3090, -19.3793, -84.4630



16.4020, -3.1562, -14.3846



# Inverse Universe

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



145.8970, 6.4598, 28.1543



182.3210, 10.1947, 43.5685



143.0470, -4.4602, 30.6538



83.3750, 1.2941, 4.9331



56.6910, 19.3793, 84.4630



9.5980, 3.1562, 14.3846



# Previews

## White Background



This preview shows how the YUV color 159.1030, -6.4598, -28.1543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

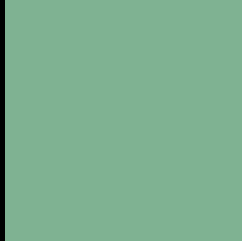
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.1030, -6.4598, -28.1543 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 159.1030, -6.4598, -28.1543 Background



This preview shows how black text looks on a background with the YUV color 159.1030, -6.4598, -28.1543.



This preview shows how white text looks on a background with the YUV color 159.1030, -6.4598, -28.1543.

-28.1543.

# 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

159.1030, -6.4598, -28.1543

### Protanopia

165.7270, -12.6834, 8.1324

### Deuteranopia

167.2320, -8.4954, 18.2135



## Tritanopia

162.5330, 11.5692, -24.1464

# Trichromacy



## Original Color

159.1030, -6.4598, -28.1543

## Protanomaly

163.2200, -10.4615, -4.5779

## Deuteranomaly

164.6490, -7.7150, 1.1848

## Tritanomaly

161.1000, 4.8807, -25.5207

# Monochromacy



## Original Color

159.1030, -6.4598, -28.1543

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.9510, -2.4408, -10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.1030, -6.4598, -28.1543 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(127, 178, 146)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 146)  
}
```

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(127, 178, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 146) }
```

## Border

The CSS property to change the border of an element to YUV 159.1030, -6.4598, -28.1543 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(127, 178, 146) }
```



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

```
.border{ border-color:rgb(127, 178, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 178, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 178, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 178, 146);  
box-shadow:4px 4px 4px 4px rgb(127, 178,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 159.1030, -6.4598, -28.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 146) }
```

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

```
.background{ background-color: rgb(127,  
178, 146) }
```

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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