

# Converting Colors

YUV(160.2290, 9.2541,  
-28.2648)

Have a look what the booklet for  
YUV(160.2290, 9.2541, -28.2648)  
contains.

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# Color

**YUV(160.2290, 9.2541,  
-28.2648)**

# Conversions

Conversions Part 1	
Format	Color
Hex	80ADB3
RGB	128, 173, 179
RGB Percent	50%, 68%, 70%
CMY	0.4980, 0.3216, 0.2980
CMYK	0.28, 0.03, 0.00, 0.30
HSL	187°, 25%, 60%
HSV	187°, 28%, 70%
XYZ	31.9823, 37.7310, 48.2450
YIQ	160.2290, -28.7460, -7.6740

# Conversions

## Conversions Part 2

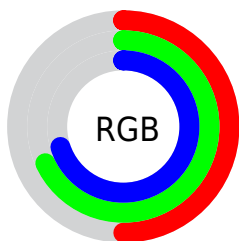
Format	Color
<a href="#">RYB</a>	<a href="#">128, 152, 179</a>
Decimal	<a href="#">8433075</a>
CIELab	<a href="#">67.82, -13.53, -7.95</a>
CIELCh	<a href="#">68, 15.694, 210.447</a>
Yxy	<a href="#">37.7310, 0.2711, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4286623155</a> ( <a href="#">0xFF80ADB3</a> )
YUV	<a href="#">160.2290, 9.2541, -28.2648</a>
Hunter-Lab	<a href="#">61.4256, -14.5555, -3.5698</a>

# Details

The YUV color **160.2290, 9.2541, -28.2648** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.7710, -9.2541, 28.2648**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0440, 9.8383, -28.9796**, and **108.4140, 8.6699, -27.5501** is the 20% darker color. If you saturate the color by 10%, you get **153.6730, 12.4862, -38.3012**, and if you desaturate by 10%, it is **166.7850, 6.0220, -18.2284**.

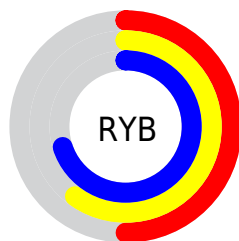
# Distribution



Red (50%)

Green (68%)

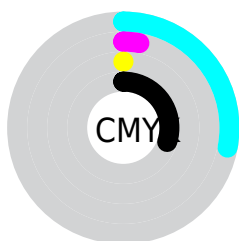
Blue (70%)



Red (50%)

Yellow (60%)

Blue (70%)

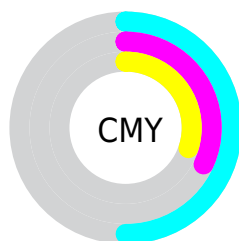


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (32%)

Yellow (30%)

# Brightness & Saturation

## Gradients

These gradients show how the YUV color 160.2290, 9.2541, -28.2648 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 160.2290, 9.2541, -28.2648 by changing the saturation by 10% instead.




 160.2290, 9.2541,  
-28.2648

 160.2290, 9.2541,  
-28.2648


255.0000, 0.0000,  
0.0000


 133.5280, 9.1067,  
-27.6501


 215.0440, 9.8383,  
-28.9796


 108.4140, 8.6699,  
-27.5501

 241.5450, 6.6333,  
-27.6650

 83.4140, 8.6699,  
-27.5501

 250.2160, 2.3585,  
-9.8364

 58.8160, 8.9647,  
-28.7796

 35.0330, 9.8437,  
-30.7239

 20.7850, 6.0220,  
-18.2284

 1.1400, 4.3680,

-0.9998

0.0000, 0.0000,  
0.0000

160.2290, 9.2541,  
-28.2648

160.2290, 9.2541,  
-28.2648

153.6730, 12.4862,  
-38.3012

166.7850, 6.0220,  
-18.2284

147.1170, 15.7183,  
-48.3376

173.3410, 2.7899,  
-8.1921

140.5610, 18.9504,  
-58.3740

179.8970, -0.4422,  
1.8443

134.0050, 22.1825,  
-68.4104

186.4530, -3.6743,  
11.8807

127.1610, 25.5566,  
-77.3172

193.5960, -7.1958,  
21.4023

■ 120.6050, 28.7887,  
-87.3536

■ 199.8530,  
-10.2805, 30.8239

■ 114.0490, 32.0208,  
-97.3900

■ 206.4090,  
-13.5126, 40.8603

■ 113.1520, 32.4631,  
-99.2343

■ 208.1810,  
-14.3862, 41.0603

■ 209.3550,  
-14.9650, 40.0307

# Harmonies

## Analogous

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



160.4160, 2.2599, -24.9208



160.2290, 9.2541, -28.2648



161.7010, 13.4584, -23.4168

# Triad

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



160.2290, 9.2541, -28.2648



167.5810, 5.6296, 14.3995



164.5100, -13.5624, 10.0767

# Complementary

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



160.2290, 9.2541, -28.2648



146.7710, -9.2541, 28.2648

# 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.



166.5050, -12.5740, 19.7281



160.2290, 9.2541, -28.2648



167.6160, -0.7967, 22.2618

# Square

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



160.2290, 9.2541, -28.2648



166.9860, 11.3459, 0.8893



167.2050, -7.4961, 24.3762



163.4160, -11.0511, -2.1188



# Rectangle

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



160.2290, 9.2541, -28.2648



163.6740, 14.4577, -17.2541



167.2050, -7.4961, 24.3762



165.5320, -13.5733, 13.5654

# Sweetspot

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



160.2290, 9.2541, -28.2648



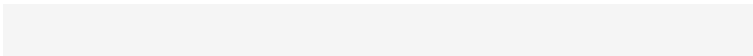
224.5470, 3.6743, -11.8807



158.6210, -12.1382, -26.8546



112.5260, 2.2057, -7.4773



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.



160.2290, 9.2541, -28.2648



203.0960, 14.2497, -43.9342



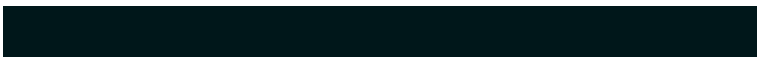
145.5540, 16.4889, -15.3949



85.7220, 1.6161, -5.0182



96.6870, 27.7623, -84.7945



16.4650, 4.7008, -14.4398



# Inverse Universe

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



148.3790, 12.1382, 26.8546



184.6010, 18.9307, 41.5689



161.4460, -16.4889, 15.3949



83.6030, 2.1677, 4.7332



61.1370, 36.4145, 80.5639

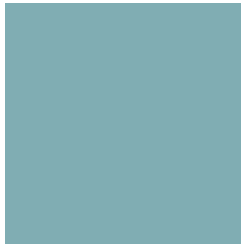


10.3960, 6.2138, 13.6847



# Previews

## White Background



This preview shows how the YUV color 160.2290, 9.2541, -28.2648 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

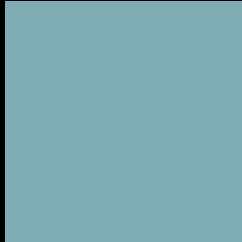
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.2290, 9.2541, -28.2648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

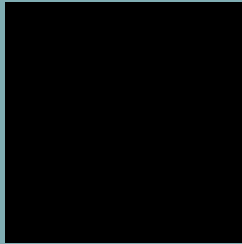
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.2290, 9.2541, -28.2648

## Background



This preview shows how black text looks on a background with the YUV color 160.2290, 9.2541, -28.2648.



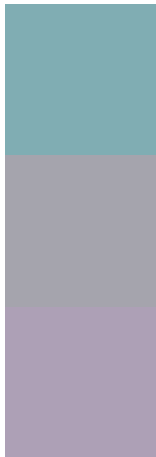
This preview shows how white text looks on a background with the YUV color 160.2290, 9.2541,



# 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

160.2290, 9.2541, -28.2648

### Protanopia

165.3250, 3.7838, -0.2850

### Deuteranopia

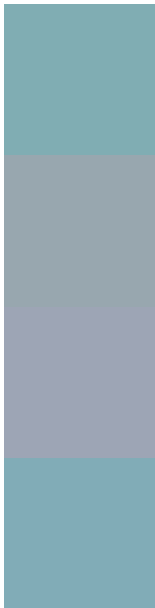
166.3950, 7.6933, 5.7926



## Tritanopia

161.0380, 12.3063, -27.2203

# Trichromacy



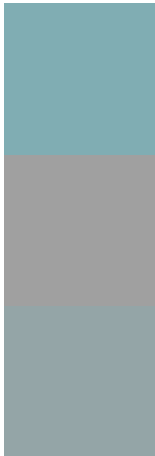
**Original Color**  
160.2290, 9.2541, -28.2648

**Protanomaly**  
163.4270, 5.7055, -10.0215

**Deuteranomaly**  
164.4320, 8.1680, -6.5179

**Tritanomaly**  
160.3970, 11.1433, -27.5352

# Monochromacy



**Original Color**  
160.2290, 9.2541, -28.2648

**Achromatopsia**  
160.0000, 0.0000, 0.0000

**Achromatomaly**  
160.1450, 3.3795, -10.6512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.2290, 9.2541, -28.2648 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(128, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 173, 179)  
}
```

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(128, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 173, 179) }
```

## Border

The CSS property to change the border of an element to YUV 160.2290, 9.2541, -28.2648 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(128, 173, 179) }
```



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

```
.border{ border-color:rgb(128, 173, 179) }
```

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

Here you see how a box with a 4 pixel rgb(128, 173, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 173,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 160.2290, 9.2541, -28.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 173, 179) }
```

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

```
.background{ background-color: rgb(128,  
173, 179) }
```

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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