

Converting Colors

YUV(158.5310, -28.8558,
15.3203)

Have a look what the booklet for
YUV(158.5310, -28.8558, 15.3203)
contains.

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Color

**YUV(158.5310, -28.8558,
15.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A164
RGB	176, 161, 100
RGB Percent	69%, 63%, 39%
CMY	0.3098, 0.3686, 0.6078
CMYK	0.00, 0.09, 0.43, 0.31
HSL	48°, 32%, 54%
HSV	48°, 43%, 69%
XYZ	32.9496, 35.6399, 17.1992
YIQ	158.5310, 28.5210, -15.7910

Conversions

Conversions Part 2

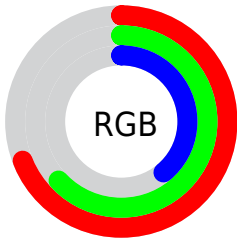
Format	Color
RYB	119, 176, 100
Decimal	11575652
CIELab	66.24, -3.26, 33.69
CIELCh	66, 33.844, 95.522
Yxy	35.6399, 0.3841, 0.4154
Android (android.graphics.Color)	4289765732 (0xFFB0A164)
YUV	158.5310, -28.8558, 15.3203
Hunter-Lab	59.6992, -5.9546, 24.7082

Details

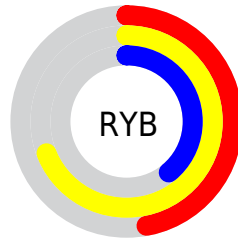
The YUV color **158.5310, -28.8558, 15.3203** is a light color, and the websafe version is hex **999966**. A complement of this color would be **117.4690, 28.8558, -15.3203**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7870, -30.4610, 16.8498**, and **106.9760, -27.1032, 13.1760** is the 20% darker color. If you saturate the color by 10%, you get **154.7180, -35.8500, 18.6643**, and if you desaturate by 10%, it is **162.3440, -21.8616, 11.9763**.

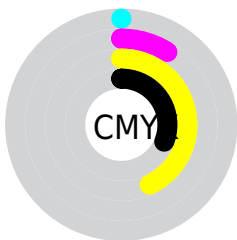
Distribution



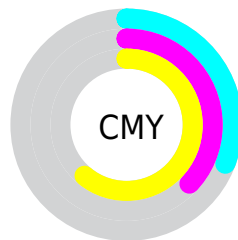
- Red (69%)
- Green (63%)
- Blue (39%)



- Red (47%)
- Yellow (69%)
- Blue (39%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5310, -28.8558, 15.3203 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 158.5310, -28.8558, 15.3203 by changing the saturation by 10% instead.

■ 158.5310,
-28.8558, 15.3203

■ 158.5310,
-28.8558, 15.3203

■ 255.0000, 0.0000,
0.0000

■ 132.3460,
-28.2716, 14.6056

■ 213.7870,
-30.4610, 16.8498

■ 106.9760,
-27.1032, 13.1760

■ 239.8790,
-30.0133, 13.2611

■ 81.7910, -26.5190,
12.4613

■ 249.5280,
-20.9663, 4.7989

■ 58.0790, -26.6609,
11.3317

■ 252.7200, -8.7360,
1.9996

■ 38.1200, -18.7932,
7.7878

■ 18.9050, -9.3202,
2.7143

■ 0.0000, 0.0000,

0.0000

■ 158.5310,
-28.8558, 15.3203

■ 158.5310,
-28.8558, 15.3203

■ 154.7180,
-35.8500, 18.6643

■ 162.3440,
-21.8616, 11.9763

■ 150.4320,
-42.1180, 22.4231

■ 166.6300,
-15.5936, 8.2175

■ 146.6190,
-49.1122, 25.7671

■ 170.4430, -8.5994,
4.8735

■ 142.3330,
-55.3802, 29.5260

■ 174.7290, -2.3314,
1.1147

■ 138.5200,
-62.3744, 32.8700

■ 178.5420, 4.6628,
-2.2293

■ 135.3910,
-66.7478, 35.6141

■ 182.9420, 11.3676,
-6.0881

■ 186.6410, 17.9250,
-9.3322

■ 191.0410, 24.6298,
-13.1910

■ 194.3980, 29.8768,
-16.1350

Harmonies

Analogous

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



161.1190, -27.1737, 35.8526



158.5310, -28.8558, 15.3203



155.2010, -21.7911, -10.7003

Triad

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



158.5310, -28.8558, 15.3203



139.2960, 27.4621, -81.8206



165.6680, 10.5167, 33.6172

Complementary

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



158.5310, -28.8558, 15.3203



117.4690, 28.8558, -15.3203

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.



164.1190, 23.1123, 6.9116



158.5310, -28.8558, 15.3203



148.3230, 33.3648, -61.6733

Square

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



158.5310, -28.8558, 15.3203



143.7420, 10.9732, -66.4257



158.2610, 30.9303, -27.4159



164.5700, -4.2250, 48.6121

Rectangle

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



158.5310, -28.8558, 15.3203



152.0830, -12.8589, -29.0138



158.2610, 30.9303, -27.4159



165.1770, 15.1957, 26.1548

Sweetspot

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



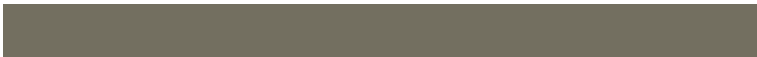
158.5310, -28.8558, 15.3203



223.0580, -11.3676, 6.0881



124.4340, -4.6510, 45.2234



110.4860, -7.1416, 3.9588



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



158.5310, -28.8558, 15.3203



202.2320, -45.4704, 24.3525



160.4590, -29.8063, -6.5415



86.8000, -3.3524, 1.9294



117.9480, -58.1484, 30.7406



19.5140, -9.6204, 5.6882

Inverse Universe

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



117.4690, 28.8558, -15.3203



137.7680, 45.4704, -24.3525



115.5410, 29.8063, 6.5415



82.2000, 3.3524, -1.9294



35.0520, 58.1484, -30.7406



5.8990, 9.9098, -5.1734

Previews

White Background



This preview shows how the YUV color 158.5310, -28.8558, 15.3203 looks on a white background.

Color Contrast Check

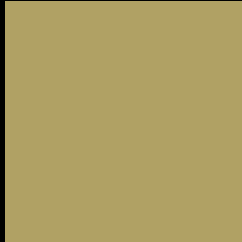
Large Text (above 18pt) WCAG AA × Fail

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 158.5310, -28.8558, 15.3203 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 158.5310, -28.8558, 15.3203

Background



This preview shows how black text looks on a background with the YUV color 158.5310, -28.8558, 15.3203.



This preview shows how white text looks on a background with the YUV color 158.5310, -28.8558, 15.3203.

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

158.5310, -28.8558, 15.3203

Protanopia

158.5310, -28.8558, 15.3203

Deuteranopia

160.0320, -28.6098, 29.7899



Tritanopia

163.3380, 0.8194, 17.2436

Trichromacy



Original Color

158.5310, -28.8558, 15.3203

Protanomaly

158.5310, -28.8558, 15.3203

Deuteranomaly

159.5860, -28.8829, 24.0421

Tritanomaly

161.4660, -10.0897, 16.2543

Monochromacy



Original Color

158.5310, -28.8558, 15.3203

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9870, -10.3466, 5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5310, -28.8558, 15.3203 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(176, 161, 100)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 100)  
}
```

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(176, 161, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 100) }
```

Border

The CSS property to change the border of an element to YUV 158.5310, -28.8558, 15.3203 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(176, 161, 100) }
```


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

```
.border{ border-color:rgb(176, 161, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 100);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 158.5310, -28.8558, 15.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 100) }
```

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

```
.background{ background-color: rgb(176,  
161, 100) }
```

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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