

Converting Colors

YUV(158.0500, -15.8006,
28.0202)

Have a look what the booklet for
YUV(158.0500, -15.8006, 28.0202)
contains.

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Color

**YUV(158.0500, -15.8006,
28.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	BE947E
RGB	190, 148, 126
RGB Percent	75%, 58%, 49%
CMY	0.2549, 0.4196, 0.5059
CMYK	0.00, 0.22, 0.34, 0.25
HSL	21°, 33%, 62%
HSV	21°, 34%, 75%
XYZ	35.5910, 33.6333, 24.3547
YIQ	158.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

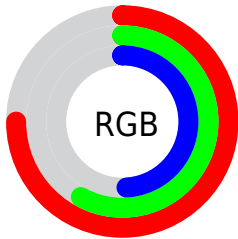
Format	Color
RYB	190, 160, 126
Decimal	12489854
CIELab	64.67, 12.67, 17.68
CIELCh	65, 21.753, 54.375
Yxy	33.6333, 0.3803, 0.3594
Android (android.graphics.Color)	4290679934 (0xFFBE947E)
YUV	158.0500, -15.8006, 28.0202
Hunter-Lab	57.9942, 8.0553, 15.6971

Details

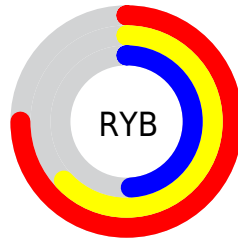
The YUV color **158.0500, -15.8006, 28.0202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157.9500, 15.8007, -28.0201**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8330, -16.6797, 29.9645**, and **106.0820, -14.3374, 25.3611** is the 20% darker color. If you saturate the color by 10%, you get **148.8400, -20.6271, 36.0973**, and if you desaturate by 10%, it is **167.2600, -10.9742, 19.9430**.

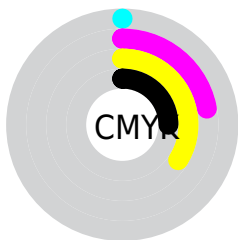
Distribution



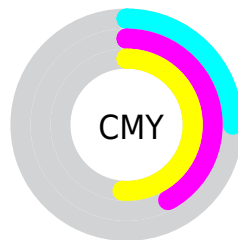
- Red (75%)
- Green (58%)
- Blue (49%)



- Red (75%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (25%)



- Cyan (25%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0500, -15.8006, 28.0202 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 158.0500, -15.8006, 28.0202 by changing the saturation by 10% instead.

■ 158.0500,
-15.8006, 28.0202

■ 158.0500,
-15.8006, 28.0202

255.0000, 0.0000,
0.0000

■ 131.5660,
-15.0690, 26.6906

■ 212.8330,
-16.6797, 29.9645

■ 106.0820,
-14.3374, 25.3611

■ 234.7390,
-14.1683, 17.7689

■ 81.5980, -13.6058,
24.0316

■ 252.7200, -8.7360,
1.9996

■ 58.7010, -13.1636,
22.1872

■ 35.8040, -12.7214,
20.3429

■ 14.2860, -7.0430,
19.0432

■ 0.0000, 0.0000,

0.0000

■ 158.0500,
-15.8006, 28.0202

■ 158.0500,
-15.8006, 28.0202

■ 148.8400,
-20.6271, 36.0973

■ 167.2600,
-10.9742, 19.9430

■ 139.0430,
-25.1642, 44.6893

■ 177.0570, -6.4371,
11.3510

■ 129.8330,
-29.9907, 52.7665

■ 186.2670, -1.6106,
3.2738

■ 120.0360,
-34.5277, 61.3584

■ 196.0640, 2.9264,
-5.3181

■ 110.8260,
-39.3542, 69.4356

■ 205.2740, 7.7529,
-13.3953

■ 101.0290,
-43.8913, 78.0276

■ 215.0710, 12.2900,
-21.9873

■ 94.9650, -46.8177,
83.3457

■ 223.8250, 15.3693,
-29.6645

■ 231.4560, 11.6072,
-36.3569

■ 235.5650, 9.5815,
-39.9605

Harmonies

Analogous

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



159.6190, -8.6862, 32.7831



158.0500, -15.8006, 28.0202



156.1750, -18.8203, 16.5095

Triad

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



158.0500, -15.8006, 28.0202



149.4320, 1.2660, -32.8279



158.0440, 16.7403, -2.6696

Complementary

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



158.0500, -15.8006, 28.0202



157.9500, 15.8007, -28.0201

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.



154.7210, 19.8575, -22.5573



158.0500, -15.8006, 28.0202



148.4230, 11.6235, -41.5900

Square

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



158.0500, -15.8006, 28.0202



151.5990, -8.6763, -17.1883



150.2800, 18.5960, -37.9566



160.0310, 9.8447, 15.7588

Rectangle

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



158.0500, -15.8006, 28.0202



155.3370, -17.9141, 5.8435



150.2800, 18.5960, -37.9566



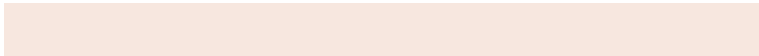
156.7550, 18.3618, -9.4321

Sweetspot

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



158.0500, -15.8006, 28.0202



234.8720, -5.8529, 10.6363



150.0380, 9.3483, 35.0467



117.4200, -3.6581, 6.6477



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.0500, -15.8006, 28.0202



197.5590, -24.4326, 43.3598



176.2470, -24.7718, 12.0614



89.4520, -2.1948, 3.9886



78.9400, -38.9174, 69.3356



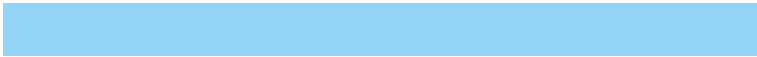
15.7260, -7.7529, 13.3953

Inverse Universe

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



157.9500, 15.8007, -28.0201



197.4410, 24.4326, -43.3598



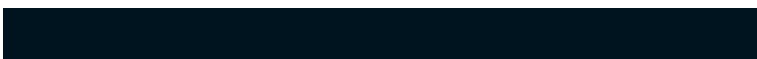
139.7530, 24.7718, -12.0614



89.5480, 2.1948, -3.9886



79.0600, 38.9174, -69.3356



15.2740, 7.7529, -13.3953

Previews

White Background



This preview shows how the YUV color 158.0500, -15.8006, 28.0202 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 158.0500, -15.8006, 28.0202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

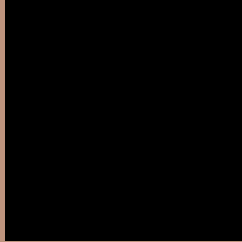
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0500, -15.8006, 28.0202

Background



This preview shows how black text looks on a background with the YUV color 158.0500, -15.8006, 28.0202.



This preview shows how white text looks on a background with the YUV color 158.0500, -15.8006, 28.0202.

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

158.0500, -15.8006, 28.0202

Protanopia

156.6130, -13.1202, 8.2324

Deuteranopia

157.6040, -16.0738, 22.2723



Tritanopia

159.9050, -2.4182, 29.0243

Trichromacy



Original Color

158.0500, -15.8006, 28.0202

Protanomaly

157.4290, -14.0155, 15.4098

Deuteranomaly

157.9140, -16.2266, 24.6314

Tritanomaly

158.9390, -7.3649, 28.9945

Monochromacy



Original Color

158.0500, -15.8006, 28.0202

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0500, -15.8006, 28.0202 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(190, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 126)  
}
```

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(190, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 126) }
```

Border

The CSS property to change the border of an element to YUV 158.0500, -15.8006, 28.0202 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(190, 148, 126) }
```


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

```
.border{ border-color:rgb(190, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 158.0500, -15.8006, 28.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 126) }
```

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

```
.background{ background-color: rgb(190,  
148, 126) }
```

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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