

Converting Colors

YUV(156.3300, -27.2777,
22.5126)

Have a look what the booklet for
YUV(156.3300, -27.2777, 22.5126)
contains.

YUV(156.3300, -27.2777, 22.5126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.3300, -27.2777,
22.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	B69A65
RGB	182, 154, 101
RGB Percent	71%, 60%, 40%
CMY	0.2863, 0.3961, 0.6039
CMYK	0.00, 0.15, 0.45, 0.29
HSL	39°, 36%, 55%
HSV	39°, 45%, 71%
XYZ	33.1960, 33.9959, 17.1242
YIQ	156.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

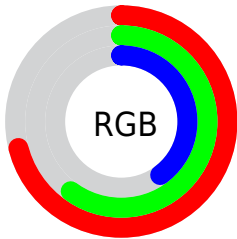
Format	Color
RYB	144, 182, 101
Decimal	11967077
CIELab	64.96, 3.15, 31.63
CIELCh	65, 31.786, 84.306
Yxy	33.9959, 0.3937, 0.4032
Android (android.graphics.Color)	4290157157 (0xFFB69A65)
YUV	156.3300, -27.2777, 22.5126
Hunter-Lab	58.3060, -0.4081, 23.4010

Details

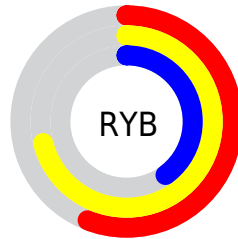
The YUV color **156.3300, -27.2777, 22.5126** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **126.6700, 27.2777, -22.5126**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9990, -28.5935, 24.5569**, and **104.4760, -25.3777, 19.7535** is the 20% darker color. If you saturate the color by 10%, you get **150.7560, -33.4037, 27.4010**, and if you desaturate by 10%, it is **161.9040, -21.1517, 17.6242**.

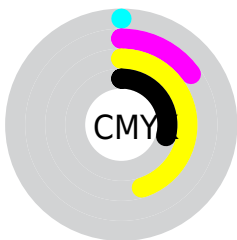
Distribution



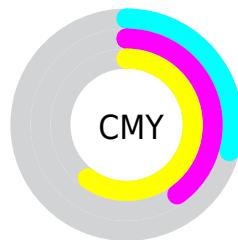
- Red (71%)
- Green (60%)
- Blue (40%)



- Red (56%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3300, -27.2777, 22.5126 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 156.3300, -27.2777, 22.5126 by changing the saturation by 10% instead.

■ 156.3300,
-27.2777, 22.5126

■ 156.3300,
-27.2777, 22.5126

■ 255.0000, 0.0000,
0.0000

■ 129.8460,
-26.5461, 21.1831

■ 210.9990,
-28.5935, 24.5569

■ 104.4760,
-25.3777, 19.7535

■ 235.2970,
-27.2614, 17.2795

■ 79.9920, -24.6461,
18.4240

■ 249.5280,
-20.9663, 4.7989

■ 56.2800, -24.7880,
17.2944

■ 252.8340, -8.2992,
1.8996

■ 35.7940, -17.6464,
13.3357

■ 16.2910, -8.0315,
9.3918

■ 0.0000, 0.0000,

0.0000

■ 156.3300,
-27.2777, 22.5126

■ 156.3300,
-27.2777, 22.5126

■ 150.7560,
-33.4037, 27.4010

■ 161.9040,
-21.1517, 17.6242

■ 144.5950,
-39.2403, 32.8042

■ 168.0650,
-15.3150, 12.2210

■ 138.9070,
-45.8032, 37.7926

■ 173.7530, -8.7522,
7.2326

■ 133.3330,
-51.9292, 42.6810

■ 179.3270, -2.6262,
2.3442

■ 127.7590,
-58.0552, 47.5694

■ 184.9010, 3.4998,
-2.5442

■ 124.2710,
-61.2656, 50.6283

■ 191.0620, 9.3364,
-7.9474

■ 196.6360, 15.4625,
-12.8358

■ 202.3240, 22.0253,
-17.8241

■ 207.3450, 23.4939,
-22.2276

Harmonies

Analogous

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



158.2920, -22.8220, 40.0859



156.3300, -27.2777, 22.5126



153.3980, -23.8602, -0.3490

Triad

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



156.3300, -27.2777, 22.5126



139.7120, 19.8620, -70.7844



161.6390, 14.4750, 23.9956

Complementary

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



156.3300, -27.2777, 22.5126



126.6700, 27.2777, -22.5126

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.



159.0960, 24.6027, -4.4692



156.3300, -27.2777, 22.5126



142.9760, 29.5918, -64.8770

Square

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



156.3300, -27.2777, 22.5126



144.4790, 3.2149, -51.2861



152.3800, 30.3787, -37.1673



161.0190, 1.4696, 42.0793

Rectangle

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



156.3300, -27.2777, 22.5126



151.3080, -17.4068, -16.9331



152.3800, 30.3787, -37.1673



160.9090, 18.2859, 14.9888

Sweetspot

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



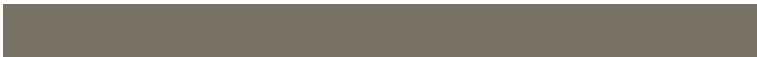
156.3300, -27.2777, 22.5126



227.0090, -10.3574, 8.7621



128.4110, 0.2904, 46.9976



113.7250, -6.2734, 5.5032



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



156.3300, -27.2777, 22.5126



197.3950, -42.5927, 34.7336



169.1780, -33.6118, 0.7209



89.2130, -3.0630, 2.4442



106.5180, -52.5134, 43.3957



18.9380, -9.3364, 7.9474

Inverse Universe

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



126.6700, 27.2777, -22.5126



151.1920, 42.3033, -35.2484



113.8220, 33.6118, -0.7209



85.7870, 3.0630, -2.4442



49.4820, 52.5134, -43.3957



9.0620, 9.3364, -7.9474

Previews

White Background



This preview shows how the YUV color 156.3300, -27.2777, 22.5126 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 156.3300, -27.2777, 22.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

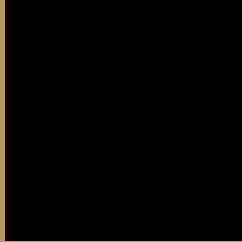
Any Text WCAG AA ✓ Pass

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 156.3300, -27.2777, 22.5126 Background



This preview shows how black text looks on a background with the YUV color 156.3300, -27.2777, 22.5126.



This preview shows how white text looks on a background with the YUV color 156.3300, -27.2777, 22.5126.

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

156.3300, -27.2777, 22.5126

Protanopia

155.8020, -26.5244, 14.2056

Deuteranopia

157.0750, -27.1520, 28.8752



Tritanopia

160.5130, -1.2389, 24.1061

Trichromacy



Original Color

156.3300, -27.2777, 22.5126

Protanomaly

156.4110, -26.8246, 17.1796

Deuteranomaly

156.7650, -26.9991, 26.5161

Tritanomaly

159.2820, -10.9850, 23.4317

Monochromacy



Original Color

156.3300, -27.2777, 22.5126

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8240, -9.7732, 8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3300, -27.2777, 22.5126 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(182, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 101)  
}
```

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(182, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 101) }
```

Border

The CSS property to change the border of an element to YUV 156.3300, -27.2777, 22.5126 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(182, 154, 101) }
```


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

```
.border{ border-color:rgb(182, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 156.3300, -27.2777, 22.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 101) }
```

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

```
.background{ background-color: rgb(182,  
154, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor