

Converting Colors

YUV(133.8900, 16.8162,
-27.0905)

Have a look what the booklet for
YUV(133.8900, 16.8162, -27.0905)
contains.

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Color

**YUV(133.8900, 16.8162,
-27.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	678FA8
RGB	103, 143, 168
RGB Percent	40%, 56%, 66%
CMY	0.5961, 0.4392, 0.3412
CMYK	0.39, 0.15, 0.00, 0.34
HSL	203°, 27%, 53%
HSV	203°, 39%, 66%
XYZ	22.4839, 25.3556, 40.7549
YIQ	133.8900, -31.8650, -0.7050

Conversions

Conversions Part 2

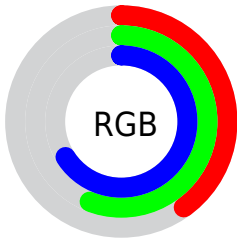
Format	Color
R_{YB}	103, 128, 168
Decimal	6786984
CIE _{Lab}	57.42, -7.24, -17.55
CIE _{LCh}	57, 18.982, 247.588
Yxy	25.3556, 0.2538, 0.2862
Android (android.graphics.Color)	4284977064 (0xFF678FA8)
YUV	133.8900, 16.8162, -27.0905
Hunter-Lab	50.3544, -8.4177, -12.7390

Details

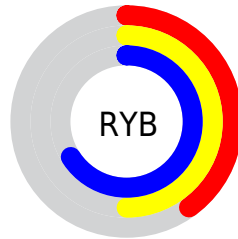
The YUV color $133.8900, 16.8162, -27.0905$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $137.1100, -16.8162, 27.0905$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.7050, 17.4004, -27.8053$, and $83.3630, 16.0900, -27.5054$ is the 20% darker color. If you saturate the color by 10%, you get $125.2850, 21.0585, -34.4529$, and if you desaturate by 10%, it is $142.4950, 12.5740, -19.7281$.

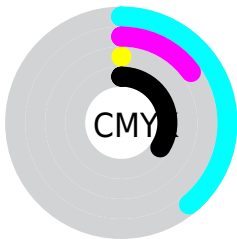
Distribution



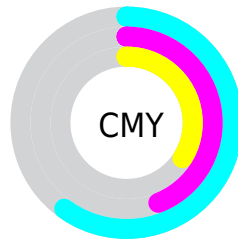
- Red (40%)
- Green (56%)
- Blue (66%)



- Red (40%)
- Yellow (50%)
- Blue (66%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8900, 16.8162, -27.0905 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 133.8900, 16.8162, -27.0905 by changing the saturation by 10% instead.

■ 133.8900, 16.8162,
-27.0905

■ 133.8900, 16.8162,
-27.0905

■ 255.0000, 0.0000,
0.0000

■ 107.8900, 16.8162,
-27.0905

■ 187.7050, 17.4004,
-27.8053

■ 83.3630, 16.0900,
-27.5054

■ 215.8190, 17.8372,
-27.9053

■ 58.0530, 16.2429,
-29.8645

■ 240.9690, 6.9173,
-25.4058

■ 35.3410, 16.1009,
-30.9941

■ 250.8140, 2.0637,
-8.6069

■ 20.9790, 11.8424,
-18.3986

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 133.8900, 16.8162,
-27.0905

■ 133.8900, 16.8162,
-27.0905

■ 125.2850, 21.0585,
-34.4529

■ 142.4950, 12.5740,
-19.7281

■ 116.0930, 25.5902,
-41.3006

■ 151.6870, 8.0423,
-12.8805

■ 107.7870, 29.6850,
-48.0482

■ 159.9930, 3.9475,
-6.1329

■ 98.5950, 34.2167,
-54.8958

■ 169.1850, -0.5842,
0.7148

■ 89.9900, 38.4589,
-62.2582

■ 177.7900, -4.8265,
8.0772

■ 80.7980, 42.9906,
-69.1058

■ 186.9820, -9.3581,
14.9248

■ 79.6130, 43.5748,
-69.8206

■ 195.5870,
-13.6004, 22.2872

■ 204.4800,
-17.9846, 28.5200

■ 213.0850,
-22.2269, 35.8825

Harmonies

Analogous

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



131.1080, 12.7648, -34.2977



133.8900, 16.8162, -27.0905



137.4620, 16.0412, -11.8062

Triad

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



133.8900, 16.8162, -27.0905



140.3670, -3.1389, 26.8651



134.8670, -11.7664, -6.0224

Complementary

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



133.8900, 16.8162, -27.0905



137.1100, -16.8162, 27.0905

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.



136.6300, -15.5936, 8.2175



133.8900, 16.8162, -27.0905



139.7170, -10.7065, 27.4352

Square

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



133.8900, 16.8162, -27.0905



141.0870, 4.8871, 19.2177



138.5220, -15.0473, 19.7132



132.5430, -3.7187, -20.6472

Rectangle

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



133.8900, 16.8162, -27.0905



139.2570, 13.6773, -0.2254



138.5220, -15.0473, 19.7132



135.7320, -13.6719, -1.5190

Sweetspot

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



133.8900, 16.8162, -27.0905



205.3560, 6.7265, -10.8362



144.0050, -7.8905, -35.9614



101.6940, 4.0949, -6.7476



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.8900, 16.8162, -27.0905



166.4950, 25.8850, -42.5301



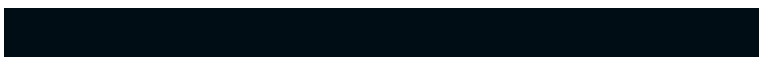
115.1060, 26.0767, -10.6170



79.8470, 2.0474, -3.3738



70.2890, 38.3115, -61.6435



9.9110, 4.9739, -8.6919

Inverse Universe

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



126.9950, 7.8905, 35.9614



155.3810, 12.6302, 55.7939



155.8940, -26.0767, 10.6170



78.9620, 1.0047, 4.4183



54.6260, 17.9324, 81.8890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 133.8900, 16.8162, -27.0905 looks on a white background.

Color Contrast Check

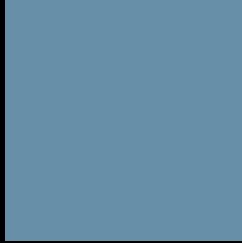
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8900, 16.8162, -27.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

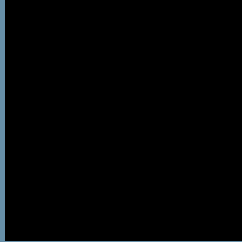
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8900, 16.8162, -27.0905

Background



This preview shows how black text looks on a background with the YUV color 133.8900, 16.8162, -27.0905.



This preview shows how white text looks on a background with the YUV color 133.8900, 16.8162, -27.0905.

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

133.8900, 16.8162, -27.0905

Protanopia

137.8820, 12.3832, -5.1585

Deuteranopia

138.6910, 15.4353, -4.1140



Tritanopia

132.9130, 11.8749, -28.8647

Trichromacy



Original Color

133.8900, 16.8162, -27.0905

Protanomaly

136.5820, 14.0101, -13.6654

Deuteranomaly

137.0490, 15.7518, -12.3210

Tritanomaly

133.0810, 13.7641, -28.1350

Monochromacy



Original Color

133.8900, 16.8162, -27.0905

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8400, 5.9949, -9.5067

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8900, 16.8162, -27.0905 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(103, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(103, 143, 168)  
}
```

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(103, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 143, 168) }
```

Border

The CSS property to change the border of an element to YUV 133.8900, 16.8162, -27.0905 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(103, 143, 168) }
```


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

```
.border{ border-color:rgb(103, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(103, 143,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 133.8900, 16.8162, -27.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 143, 168) }
```

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

```
.background{ background-color: rgb(103,  
143, 168) }
```

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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