

Converting Colors

YUV(133.8990, 23.2208,
-27.9754)

Have a look what the booklet for
YUV(133.8990, 23.2208, -27.9754)
contains.

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Color

**YUV(133.8990, 23.2208,
-27.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	668DB5
RGB	102, 141, 181
RGB Percent	40%, 55%, 71%
CMY	0.6000, 0.4471, 0.2902
CMYK	0.44, 0.22, 0.00, 0.29
HSL	210°, 35%, 55%
HSV	210°, 44%, 71%
XYZ	23.3449, 25.2107, 47.3518
YIQ	133.8990, -36.0840, 4.1720

Conversions

Conversions Part 2

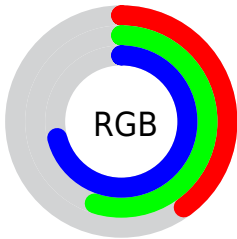
Format	Color
RYB	102, 128, 181
Decimal	6720949
CIELab	57.28, -2.74, -25.18
CIELCh	57, 25.330, 263.800
Yxy	25.2107, 0.2434, 0.2629
Android (android.graphics.Color)	4284911029 (0xFF668DB5)
YUV	133.8990, 23.2208, -27.9754
Hunter-Lab	50.2103, -4.8759, -20.7674

Details

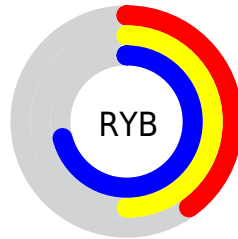
The YUV color **133.8990, 23.2208, -27.9754** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **149.1010, -23.2208, 27.9754**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5400, 24.3838, -27.6606**, and **82.6600, 22.3526, -29.5198** is the 20% darker color. If you saturate the color by 10%, you get **123.2340, 28.4786, -34.4082**, and if you desaturate by 10%, it is **144.5640, 17.9629, -21.5426**.

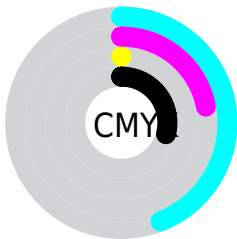
Distribution



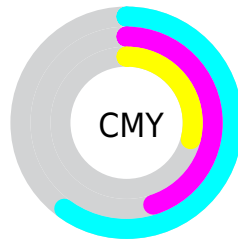
- Red (40%)
- Green (55%)
- Blue (71%)



- Red (40%)
- Yellow (50%)
- Blue (71%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8990, 23.2208, -27.9754 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 133.8990, 23.2208, -27.9754 by changing the saturation by 10% instead.

■ 133.8990, 23.2208,
-27.9754

■ 133.8990, 23.2208,
-27.9754

■ 255.0000, 0.0000,
0.0000

■ 108.0730, 22.6420,
-29.0050

■ 187.5400, 24.3838,
-27.6606

■ 82.6600, 22.3526,
-29.5198

■ 214.4000, 20.0158,
-26.6608

■ 56.7410, 22.8057,
-34.8529

■ 239.7950, 7.4961,
-24.3762

■ 36.0080, 21.1951,
-31.5790

■ 250.8140, 2.0637,
-8.6069

■ 20.9450, 16.7891,
-18.3688

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 133.8990, 23.2208,
-27.9754

■ 133.8990, 23.2208,
-27.9754

■ 123.2340, 28.4786,
-34.4082

■ 144.5640, 17.9629,
-21.5426

■ 112.5690, 33.7365,
-40.8410

■ 155.2290, 12.7051,
-15.1098

■ 101.9040, 38.9943,
-47.2738

■ 165.8940, 7.4473,
-8.6770

■ 90.6520, 44.5416,
-53.1918

■ 177.1460, 1.9000,
-2.7590

■ 79.6880, 49.9468,
-60.2394

■ 188.1100, -3.5052,
4.2885

■ 72.8770, 53.3046,
-63.9131

■ 198.7750, -8.7631,
10.7213

■ 209.4400,
-14.0209, 17.1541

■ 220.1050,
-19.2788, 23.5869

■ 227.7800,
-23.0625, 23.8719

Harmonies

Analogous

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



128.0230, 21.6807, -47.3782



133.8990, 23.2208, -27.9754



138.4290, 19.5085, -3.8842

Triad

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



133.8990, 23.2208, -27.9754



139.8260, -9.2812, 36.9866



131.5340, -10.1233, -19.7623

Complementary

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



133.8990, 23.2208, -27.9754



149.1010, -23.2208, 27.9754

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.



134.7770, -18.6241, 0.1956



133.8990, 23.2208, -27.9754



138.3170, -17.4113, 31.2940

Square

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



133.8990, 23.2208, -27.9754



140.5510, 1.2074, 32.8428



136.9040, -21.1517, 17.6242



127.6270, 2.1559, -38.2609

Rectangle

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



133.8990, 23.2208, -27.9754



140.2630, 14.6603, 11.1703



136.9040, -21.1517, 17.6242



132.3670, -13.4919, -12.5999

Sweetspot

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



133.8990, 23.2208, -27.9754



216.3390, 9.1999, -10.8213



152.9330, -5.3900, -44.6682



106.3350, 5.2578, -6.4328



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.



133.8990, 23.2208, -27.9754



162.1280, 35.9259, -43.0853



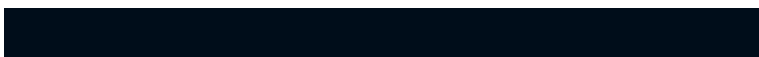
111.0060, 34.5070, -7.8983



83.9610, 2.4842, -3.4738



62.0540, 44.8364, -54.4214



10.5950, 7.5947, -9.2918

Inverse Universe

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



130.0670, 5.3900, 44.6682



156.3180, 8.2242, 69.0041



171.9940, -34.5070, 7.8983



83.2610, 0.8573, 5.0331



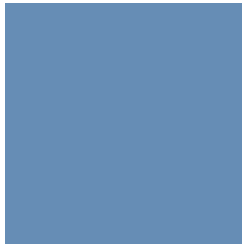
54.4110, 10.6434, 86.4626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 133.8990, 23.2208, -27.9754 looks on a white background.

Color Contrast Check

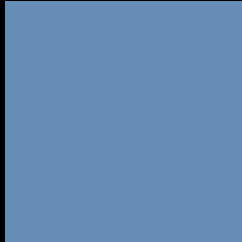
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8990, 23.2208, -27.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

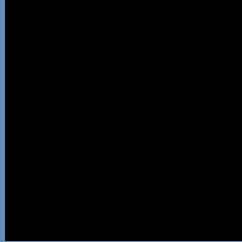
Any Text WCAG AA ✓ Pass

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 133.8990, 23.2208, -27.9754 Background



This preview shows how black text looks on a background with the YUV color 133.8990, 23.2208, -27.9754.

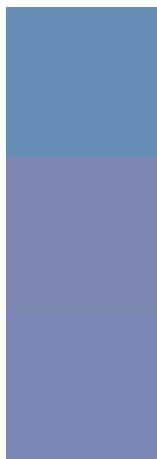


This preview shows how white text looks on a background with the YUV color 133.8990, 23.2208, -27.9754.

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

133.8990, 23.2208, -27.9754

Protanopia

137.6840, 19.3828, -10.2469

Deuteranopia

137.3680, 22.0036, -10.8467



Tritanopia

131.4180, 12.6119, -31.9386

Trichromacy



Original Color

133.8990, 23.2208, -27.9754

Protanomaly

136.2810, 20.5675, -16.9094

Deuteranomaly

136.1500, 22.6041, -16.7945

Tritanomaly

132.7540, 16.3903, -30.4793

Monochromacy



Original Color

133.8990, 23.2208, -27.9754

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8990, 23.2208, -27.9754 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(102, 141, 181)` looks like.

```
.text, #text, p{  
    color:rgb(102, 141, 181)  
}
```

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(102, 141, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 141, 181) }
```

Border

The CSS property to change the border of an element to YUV 133.8990, 23.2208, -27.9754 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(102, 141, 181) }
```


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

```
.border{ border-color:rgb(102, 141, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 141, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 141, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 141, 181);  
box-shadow:4px 4px 4px 4px rgb(102, 141,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 133.8990, 23.2208, -27.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 141, 181) }
```

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

```
.background{ background-color: rgb(102,  
141, 181) }
```

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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