

Converting Colors

YUV(130.0670, 25.1100,
-27.2458)

Have a look what the booklet for
YUV(130.0670, 25.1100, -27.2458)
contains.

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Color

**YUV(130.0670, 25.1100,
-27.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	6388B5
RGB	99, 136, 181
RGB Percent	39%, 53%, 71%
CMY	0.6118, 0.4667, 0.2902
CMYK	0.45, 0.25, 0.00, 0.29
HSL	213°, 36%, 55%
HSV	213°, 45%, 71%
XYZ	22.2902, 23.5972, 47.0959
YIQ	130.0670, -36.4970, 6.1510

Conversions

Conversions Part 2

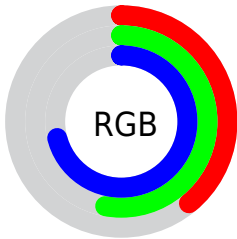
Format	Color
R _Y B	99, 124, 181
Decimal	6523061
CIE Lab	55.68, -0.64, -27.66
CIE LCh	56, 27.670, 268.684
Yxy	23.5972, 0.2397, 0.2538
Android (android.graphics.Color)	4284713141 (0xFF6388B5)
YUV	130.0670, 25.1100, -27.2458
Hunter-Lab	48.5769, -3.1022, -23.4786

Details

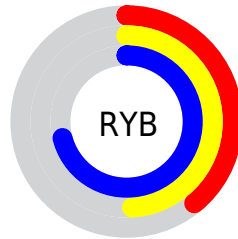
The YUV color **130.0670, 25.1100, -27.2458** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **149.9330, -25.1100, 27.2458**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7080, 26.2730, -26.9309**, and **78.5290, 24.3892, -29.4049** is the 20% darker color. If you saturate the color by 10%, you get **118.8150, 30.6572, -33.1638**, and if you desaturate by 10%, it is **141.3190, 19.5627, -21.3278**.

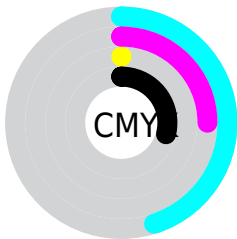
Distribution



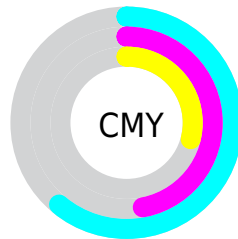
- Red (39%)
- Green (53%)
- Blue (71%)



- Red (39%)
- Yellow (49%)
- Blue (71%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0670, 25.1100, -27.2458 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 130.0670, 25.1100, -27.2458 by changing the saturation by 10% instead.

■ 130.0670, 25.1100,
-27.2458

■ 130.0670, 25.1100,
-27.2458

■ 255.0000, 0.0000,
0.0000

■ 104.2410, 24.5312,
-28.2754

■ 183.7080, 26.2730,
-26.9309

■ 78.5290, 24.3892,
-29.4049

■ 210.5680, 21.9050,
-25.9311

■ 51.7130, 25.2845,
-36.5823

■ 235.6750, 9.5272,
-22.5170

■ 33.5460, 21.9158,
-29.4198

■ 250.2160, 2.3585,
-9.8364

■ 18.5970, 17.9467,
-16.3096

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 130.0670, 25.1100,
-27.2458

■ 130.0670, 25.1100,
-27.2458

■ 118.8150, 30.6572,
-33.1638

■ 141.3190, 19.5627,
-21.3278

■ 107.5630, 36.2044,
-39.0818

■ 152.5710, 14.0155,
-15.4098

■ 96.3110, 41.7517,
-44.9997

■ 163.8230, 8.4683,
-9.4918

■ 85.0590, 47.2989,
-50.9177

■ 175.0750, 2.9210,
-3.5738

■ 73.8070, 52.8461,
-56.8357

■ 186.6260, -2.7736,
2.9590

■ 68.7680, 55.3304,
-60.3095

■ 197.8780, -8.3209,
8.8770

■ 209.1300,
-13.8681, 14.7950

■ 219.7950,
-19.1259, 21.2278

■ 228.9540,
-23.6413, 22.8423

Harmonies

Analogous

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



122.3260, 25.4753, -51.1519



130.0670, 25.1100, -27.2458



135.4510, 19.4977, -0.3955

Triad

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



130.0670, 25.1100, -27.2458



135.2670, -11.4706, 39.2308



126.1420, -8.9440, -24.6805

Complementary

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



130.0670, 25.1100, -27.2458



149.9330, -25.1100, 27.2458

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.



129.6410, -19.0500, -3.1932



130.0670, 25.1100, -27.2458



133.6330, -20.0321, 31.8939

Square

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



130.0670, 25.1100, -27.2458



136.1170, -0.5507, 36.7314



132.3230, -23.3302, 16.3797



121.2670, 4.7984, -45.8382

Rectangle

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



130.0670, 25.1100, -27.2458



136.7690, 13.9179, 15.9886



132.3230, -23.3302, 16.3797



127.4480, -13.0389, -17.9329

Sweetspot

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



130.0670, 25.1100, -27.2458



214.5670, 10.0735, -11.0213



152.1500, -4.5110, -46.6126



104.5630, 6.1314, -6.6328



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.



130.0670, 25.1100, -27.2458



155.9370, 38.9781, -42.0407



109.2450, 35.3752, -6.3539



83.3740, 2.7736, -2.9590



57.9450, 46.8621, -50.8178



10.0080, 7.8841, -8.7770

Inverse Universe

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



127.7360, 4.0742, 46.7125



152.4710, 6.1768, 72.3779



170.7550, -35.3752, 6.3539



83.1470, 0.4205, 5.1331



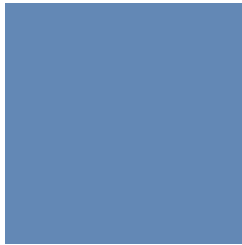
53.6130, 7.5858, 87.1624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 130.0670, 25.1100, -27.2458 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 130.0670, 25.1100, -27.2458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

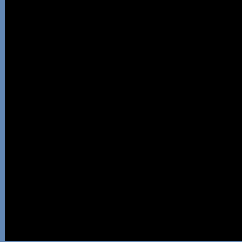
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

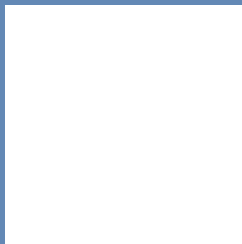
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.0670, 25.1100, -27.2458

Background



This preview shows how black text looks on a background with the YUV color 130.0670, 25.1100, -27.2458.

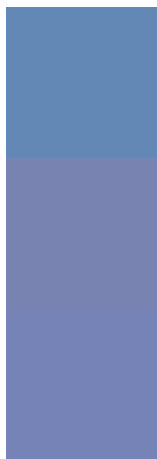


This preview shows how white text looks on a background with the YUV color 130.0670, 25.1100, -27.2458.

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

130.0670, 25.1100, -27.2458

Protanopia

132.9550, 21.7142, -11.3615

Deuteranopia

132.9270, 24.1930, -13.0910



Tritanopia

127.4180, 12.6119, -31.9386

Trichromacy



Original Color

130.0670, 25.1100, -27.2458

Protanomaly

131.8510, 22.7515, -17.4093

Deuteranomaly

132.0080, 24.6461, -18.4240

Tritanomaly

128.2810, 17.1165, -30.0644

Monochromacy



Original Color

130.0670, 25.1100, -27.2458

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0670, 25.1100, -27.2458 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(99, 136, 181)` looks like.

```
.text, #text, p{  
    color:rgb(99, 136, 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(99, 136, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 136, 181) }
```

Border

The CSS property to change the border of an element to YUV 130.0670, 25.1100, -27.2458 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(99, 136, 181) }
```


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

```
.border{ border-color:rgb(99, 136, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 136, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 136, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 136, 181);  
box-shadow:4px 4px 4px 4px rgb(99, 136,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 130.0670, 25.1100, -27.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 136, 181) }
```

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

```
.background{ background-color: rgb(99, 136,  
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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