

Converting Colors

YUV(107.2230, 58.5571,
-68.6016)

Have a look what the booklet for
YUV(107.2230, 58.5571, -68.6016)
contains.

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Color

**YUV(107.2230, 58.5571,
-68.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	1D7CE2
RGB	29, 124, 226
RGB Percent	11%, 49%, 89%
CMY	0.8863, 0.5137, 0.1137
CMYK	0.87, 0.45, 0.00, 0.11
HSL	211°, 77%, 50%
HSV	211°, 87%, 89%
XYZ	21.4418, 20.1675, 74.7141
YIQ	107.2230, -89.3620, 11.5820

Conversions

Conversions Part 2

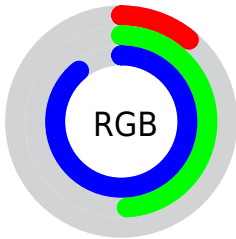
Format	Color
RYB	29, 93, 226
Decimal	1932514
CIELab	52.03, 11.16, -59.12
CIElCh	52, 60.163, 280.691
Yxy	20.1675, 0.1843, 0.1734
Android (android.graphics.Color)	4280122594 (0xFF1D7CE2)
YUV	107.2230, 58.5571, -68.6016
Hunter-Lab	44.9082, 6.6369, -67.2054

Details

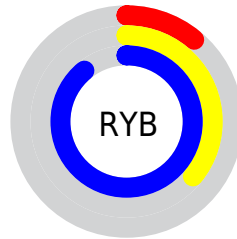
The YUV color **107.2230, 58.5571, -68.6016** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **147.7770, -58.5571, 68.6016**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5710, 44.0885, -47.8588**, and **63.9920, 52.2619, -56.1210** is the 20% darker color. If you saturate the color by 10%, you get **93.3020, 65.4201, -76.5639**, and if you desaturate by 10%, it is **121.1440, 51.6940, -60.6393**.

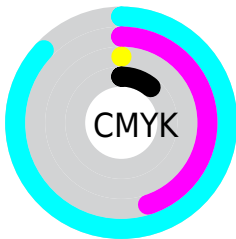
Distribution



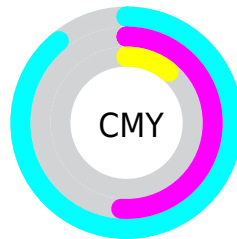
- Red (11%)
- Green (49%)
- Blue (89%)



- Red (11%)
- Yellow (36%)
- Blue (89%)



- Cyan (87%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2230, 58.5571, -68.6016 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 107.2230, 58.5571, -68.6016 by changing the saturation by 10% instead.

■ 107.2230, 58.5571,
-68.6016

■ 107.2230, 58.5571,
-68.6016

255.0000, 0.0000,
0.0000

■ 81.2720, 57.5469,
-71.2755

■ 165.5710, 44.0885,
-47.8588

■ 63.9920, 52.2619,
-56.1210

■ 190.9880, 31.5579,
-42.0855

■ 48.0000, 46.8350,
-42.0960

■ 216.9920, 18.7379,
-36.8270

■ 33.8830, 40.9767,
-29.7154

■ 240.3490, 7.2229,
-30.1241

■ 17.4180, 36.2759,
-15.2756

■ 249.6180, 2.6533,
-11.0660

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 107.2230, 58.5571,
-68.6016

■ 107.2230, 58.5571,
-68.6016

■ 93.3020, 65.4201,
-76.5639

■ 121.1440, 51.6940,
-60.6393

■ 89.7470, 67.1727,
-78.7081

■ 134.1790, 45.2678,
-52.7770

■ 148.1000, 38.4047,
-44.8147

■ 161.7220, 31.6891,
-37.4672

■ 175.6430, 24.8260,
-29.5049

■ 188.9770, 18.2523,
-21.0278

■ 202.5990, 11.5367,
-13.6803

■ 216.5200, 4.6736,
-5.7180

■ 229.5550, -1.7526,
2.1443

Harmonies

Analogous

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



106.7870, 56.3070, -93.6522



107.2230, 58.5571, -68.6016



127.5670, 37.1885, 18.7967

Triad

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



107.2230, 58.5571, -68.6016



119.3890, -29.7718, 75.9578



95.7340, -3.8129, -83.9587

Complementary

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



107.2230, 58.5571, -68.6016



147.7770, -58.5571, 68.6016

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.



107.9370, -34.9719, -29.7627



107.2230, 58.5571, -68.6016



117.6760, -52.0983, 50.2731

Square

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



107.2230, 58.5571, -68.6016



118.5730, -5.2125, 85.4435



114.6040, -56.4998, 15.2563



103.0640, 19.1954, -90.3871

Rectangle

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



107.2230, 58.5571, -68.6016



125.4590, 24.4237, 53.0945



114.6040, -56.4998, 15.2563



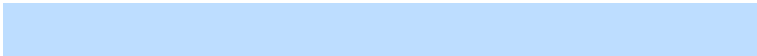
92.6220, -10.6596, -81.2295

Sweetspot

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



107.2230, 58.5571, -68.6016



215.3080, 19.5682, -23.0721



156.2670, -12.4566, -111.6132



103.7130, 11.9735, -13.7803



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



107.2230, 58.5571, -68.6016



101.2710, 75.7884, -88.8147



52.3550, 85.6070, -17.8513



105.1890, 3.3578, -3.6738



69.9590, 52.2782, -61.3540



18.9730, 14.3103, -16.6393

Inverse Universe

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



98.7330, 12.4566, 111.6132



90.2670, 16.1374, 144.4708



202.6450, -85.6070, 17.8513



104.8590, 0.5625, 6.2627



62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 107.2230, 58.5571, -68.6016 looks on a white background.

Color Contrast Check

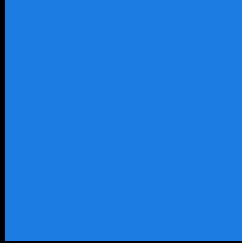
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.2230, 58.5571, -68.6016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

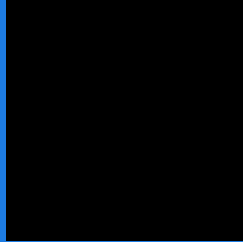
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

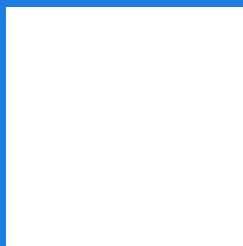
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.2230, 58.5571, -68.6016

Background



This preview shows how black text looks on a background with the YUV color 107.2230, 58.5571, -68.6016.



This preview shows how white text looks on a background with the YUV color 107.2230, 58.5571, -68.6016.

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

107.2230, 58.5571, -68.6016

Protanopia

117.8740, 51.3341, -38.4775

Deuteranopia

99.2700, 60.5059, -87.0598



Tritanopia

97.0630, 24.1259, -85.1243

Trichromacy



Original Color

107.2230, 58.5571, -68.6016

Protanomaly

113.7910, 53.8400, -48.9287

Deuteranomaly

102.0860, 59.6106, -79.8824

Tritanomaly

100.7230, 36.6186, -78.6871

Monochromacy



Original Color

107.2230, 58.5571, -68.6016

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0520, 21.1734, -24.6016

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2230, 58.5571, -68.6016 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(29, 124, 226)` looks like.

```
.text, #text, p{  
    color:rgb(29, 124, 226)  
}
```

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(29, 124, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 124, 226) }
```

Border

The CSS property to change the border of an element to YUV 107.2230, 58.5571, -68.6016 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(29, 124, 226) }
```


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

```
.border{ border-color:rgb(29, 124, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 124, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 124, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 124, 226);  
box-shadow:4px 4px 4px 4px rgb(29, 124,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 107.2230, 58.5571, -68.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 124, 226) }
```

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

```
.background{ background-color: rgb(29, 124,  
226) }
```

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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