

Converting Colors

YUV(104.8930, 55.7618,
-58.6652)

Have a look what the booklet for
YUV(104.8930, 55.7618, -58.6652)
contains.

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Color

**YUV(104.8930, 55.7618,
-58.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	2675DA
RGB	38, 117, 218
RGB Percent	15%, 46%, 85%
CMY	0.8510, 0.5412, 0.1451
CMYK	0.83, 0.46, 0.00, 0.15
HSL	214°, 71%, 50%
HSV	214°, 83%, 85%
XYZ	19.8155, 18.1966, 68.7976
YIQ	104.8930, -79.5050, 14.6630

Conversions

Conversions Part 2

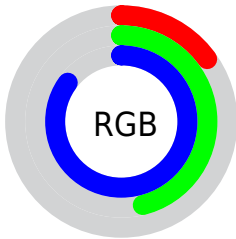
Format	Color
R_{YB}	38, 93, 218
Decimal	2520538
CIE _{Lab}	49.73, 13.14, -58.29
CIE _{LCh}	50, 59.749, 282.707
Yxy	18.1966, 0.1855, 0.1704
Android (android.graphics.Color)	4280710618 (0xFF2675DA)
YUV	104.8930, 55.7618, -58.6652
Hunter-Lab	42.6575, 8.2673, -65.7621

Details

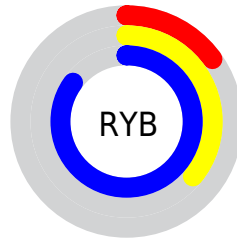
The YUV color **104.8930, 55.7618, -58.6652** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **151.1070, -55.7618, 58.6652**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4730, 46.1088, -42.5108**, and **59.5580, 50.5039, -52.2324** is the 20% darker color. If you saturate the color by 10%, you get **91.2710, 62.4774, -66.0127**, and if you desaturate by 10%, it is **118.5150, 49.0461, -51.3177**.

Distribution



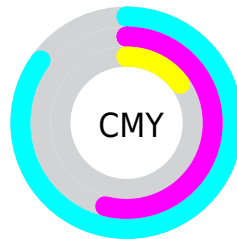
- Red (15%)
- Green (46%)
- Blue (85%)



- Red (15%)
- Yellow (36%)
- Blue (85%)



- Cyan (83%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8930, 55.7618, -58.6652 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 104.8930, 55.7618, -58.6652 by changing the saturation by 10% instead.

■ 104.8930, 55.7618,
-58.6652

■ 104.8930, 55.7618,
-58.6652

255.0000, 0.0000,
0.0000

■ 76.2510, 56.0783,
-66.8721

■ 161.4730, 46.1088,
-42.5108

■ 59.5580, 50.5039,
-52.2324

■ 186.8900, 33.5782,
-36.7375

■ 44.1530, 44.7876,
-38.7222

■ 212.2960, 21.0531,
-32.7086

■ 29.4490, 39.2186,
-25.8268

■ 238.5880, 8.0911,
-28.5797

■ 10.8640, 36.5490,
-9.5277

■ 249.6180, 2.6533,
-11.0660

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 104.8930, 55.7618,
-58.6652

■ 104.8930, 55.7618,
-58.6652

■ 91.2710, 62.4774,
-66.0127

■ 118.5150, 49.0461,
-51.3177

■ 81.2040, 67.4404,
-71.2159

■ 132.1370, 42.3305,
-43.9701

■ 146.0470, 35.4728,
-37.7522

■ 159.6690, 28.7572,
-30.4047

■ 173.2910, 22.0415,
-23.0572

■ 186.9130, 15.3259,
-15.7097

■ 201.1220, 8.3209,
-8.8770

■ 214.4450, 1.7526,
-2.1443

■ 228.0670, -4.9630,
5.2032

Harmonies

Analogous

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



101.9940, 55.7120, -89.4487



104.8930, 55.7618, -58.6652



121.2470, 35.8672, 22.5854

Triad

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



104.8930, 55.7618, -58.6652



112.8510, -30.4925, 73.7987



91.9840, -2.9501, -80.6700

Complementary

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



104.8930, 55.7618, -58.6652



151.1070, -55.7618, 58.6652

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.



101.4850, -32.7771, -33.7513



104.8930, 55.7618, -58.6652



111.2690, -54.8556, 47.9991

Square

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



104.8930, 55.7618, -58.6652



111.9320, -6.3755, 85.1286



108.6790, -53.5787, 11.6825



99.2000, 19.6214, -86.9984

Rectangle

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



104.8930, 55.7618, -58.6652



119.1280, 23.1079, 55.1387



108.6790, -53.5787, 11.6825



88.8720, -9.7969, -77.9407

Sweetspot

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



104.8930, 55.7618, -58.6652



214.7320, 19.8521, -20.8130



154.9460, -8.8474, -102.5616



103.4250, 12.1155, -12.6507



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.



104.8930, 55.7618, -58.6652



96.2980, 78.2401, -81.8223



61.2110, 77.2970, -12.4630



102.6020, 3.6472, -3.1590



64.3340, 53.5723, -56.4209



16.9840, 14.3049, -14.8950

Inverse Universe

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



100.8260, 7.9738, 102.7616



90.8880, 10.9012, 143.9262



194.7890, -77.2970, 12.4630



102.7450, 0.1257, 6.3626



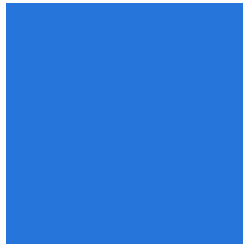
60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 104.8930, 55.7618, -58.6652 looks on a white 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

Black Background



This preview shows how the YUV color 104.8930, 55.7618, -58.6652 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

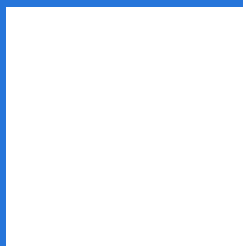
Any Text WCAG AAA × Fail

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

YUV 104.8930, 55.7618, -58.6652 Background



This preview shows how black text looks on a background with the YUV color 104.8930, 55.7618, -58.6652.



This preview shows how white text looks on a background with the YUV color 104.8930, 55.7618, -58.6652.

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

104.8930, 55.7618, -58.6652

Protanopia

111.4610, 51.0447, -38.9923

Deuteranopia

94.4940, 57.4375, -82.8712



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

104.8930, 55.7618, -58.6652

Protanomaly

108.8730, 52.8136, -46.3696

Deuteranomaly

98.4350, 56.9735, -74.0495

Tritanomaly

97.3000, 34.8551, -73.0541

Monochromacy



Original Color

104.8930, 55.7618, -58.6652

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8460, 20.2889, -20.9129

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8930, 55.7618, -58.6652 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(38, 117, 218)` looks like.

```
.text, #text, p{  
  color:rgb(38, 117, 218)  
}
```

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(38, 117, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 117, 218) }
```

Border

The CSS property to change the border of an element to YUV 104.8930, 55.7618, -58.6652 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(38, 117, 218) }
```


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

```
.border{ border-color:rgb(38, 117, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 117, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 117, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 117, 218);  
box-shadow:4px 4px 4px 4px rgb(38, 117,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 104.8930, 55.7618, -58.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 117, 218) }
```

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

```
.background{ background-color: rgb(38, 117,  
218) }
```

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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