

Converting Colors

YUV(118.5320, 52.9817,
-100.4446)

Have a look what the booklet for
YUV(118.5320, 52.9817, -100.4446)
contains.

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Color

**YUV(118.5320, 52.9817,
-100.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	049CE2
RGB	4, 156, 226
RGB Percent	2%, 61%, 89%
CMY	0.9843, 0.3882, 0.1137
CMYK	0.98, 0.31, 0.00, 0.11
HSL	199°, 97%, 45%
HSV	199°, 98%, 89%
XYZ	25.6660, 29.2937, 76.2530
YIQ	118.5320, -113.0620, -10.4540

Conversions

Conversions Part 2

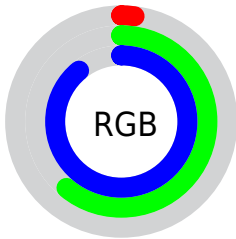
Format	Color
RYB	4, 94, 226
Decimal	302306
CIELab	61.04, -8.89, -44.78
CIELCh	61, 45.654, 258.772
Yxy	29.2937, 0.1956, 0.2233
Android (android.graphics.Color)	4278492386 (0xFF049CE2)
YUV	118.5320, 52.9817, -100.4446
Hunter-Lab	54.1237, -10.0699, -45.6451

Details

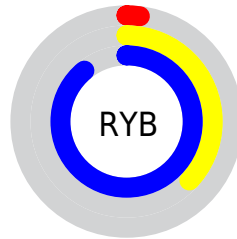
The YUV color **118.5320, 52.9817, -100.4446** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **111.4680, -52.9817, 100.4446**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0340, 34.9862, -68.4358**, and **81.0150, 43.8696, -71.0502** is the 20% darker color. If you saturate the color by 10%, you get **116.7490, 53.8607, -102.3889**, and if you desaturate by 10%, it is **129.5180, 47.5656, -89.9083**.

Distribution



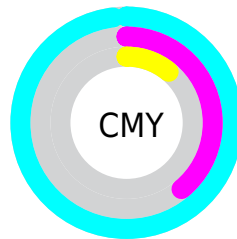
- Red (2%)
- Green (61%)
- Blue (89%)



- Red (2%)
- Yellow (37%)
- Blue (89%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5320, 52.9817, -100.4446 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 118.5320, 52.9817, -100.4446 by changing the saturation by 10% instead.

■ 118.5320, 52.9817,
-100.4446

■ 118.5320, 52.9817,
-100.4446

■ 255.0000, 0.0000,
0.0000

■ 98.8820, 48.8652,
-86.7195

■ 184.0340, 34.9862,
-68.4358

■ 81.0150, 43.8696,
-71.0502

■ 210.9240, 21.7295,
-63.0773

■ 63.8490, 39.0214,
-55.9956

■ 229.5850, 12.5296,
-52.2560

■ 47.9710, 34.0313,
-42.0706

■ 238.8540, 7.9600,
-33.1980

■ 32.2070, 29.4779,
-28.2455

■ 248.4220, 3.2430,
-13.5251

■ 15.9700, 25.6508,
-14.0057

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 118.5320, 52.9817,
-100.4446

■ 118.5320, 52.9817,
-100.4446

■ 116.7490, 53.8607,
-102.3889

■ 129.5180, 47.5656,
-89.9083

■ 140.2050, 42.2969,
-79.9868

■ 151.1910, 36.8808,
-69.4505

■ 162.4650, 31.3228,
-60.0438

■ 173.4510, 25.9067,
-49.5075

■ 184.4370, 20.4906,
-38.9712

■ 195.1240, 15.2219,
-29.0497

■ 206.1100, 9.8058,
-18.5135

■ 216.7970, 4.5371,
-8.5920

Harmonies

Analogous

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



119.8660, 42.9571, -105.1225



118.5320, 52.9817, -100.4446



146.8520, 38.0340, -19.1642

Triad

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



118.5320, 52.9817, -100.4446



147.7310, -11.6994, 66.0109



135.4820, -21.4366, -31.1177

Complementary

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



118.5320, 52.9817, -100.4446



111.4680, -52.9817, 100.4446

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.



141.2170, -36.0960, 4.1947



118.5320, 52.9817, -100.4446



146.7950, -28.9859, 57.1848

Square

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



118.5320, 52.9817, -100.4446



150.1870, 6.8098, 55.9640



144.7200, -38.8090, 34.4486



117.3340, 6.2443, -89.7469

Rectangle

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



118.5320, 52.9817, -100.4446



151.0580, 29.0584, 13.1041



144.7200, -38.8090, 34.4486



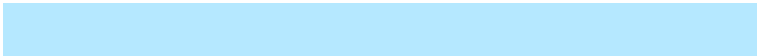
137.3650, -27.2949, -18.7371

Sweetspot

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



118.5320, 52.9817, -100.4446



219.3730, 17.5641, -33.6531



141.9520, -34.9793, -120.9839



105.7400, 10.9742, -19.9430



0.0000, 0.0000, 0.0000



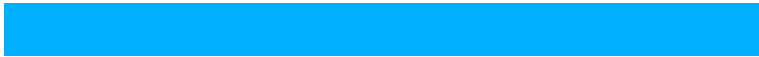
128.0000, 0.0000, 0.0000

Same Dimension

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



118.5320, 52.9817, -100.4446



131.7950, 60.7401, -115.5842



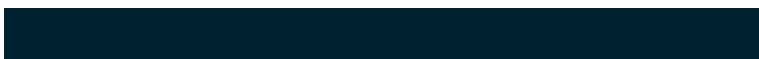
55.1360, 84.2360, -44.8463



106.9500, 2.4897, -5.2181



90.5040, 42.1495, -79.3720



24.8430, 11.4164, -21.7873

Inverse Universe

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



87.7060, 33.6689, 121.2838



96.1950, 38.8509, 139.2720



174.8640, -84.2360, 44.8463



105.2010, 1.8729, 5.9627



66.3040, 26.4721, 96.2034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 118.5320, 52.9817, -100.4446 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 118.5320, 52.9817, -100.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

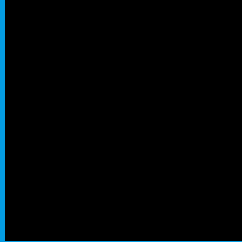
Any Text WCAG AA ✓ Pass

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 118.5320, 52.9817, -100.4446 Background



This preview shows how black text looks on a background with the YUV color 118.5320, 52.9817, -100.4446.

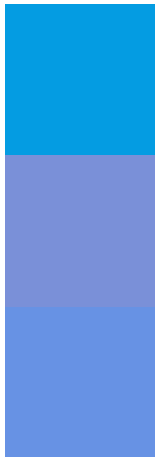


This preview shows how white text looks on a background with the YUV color 118.5320, 52.9817, -100.4446.

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

118.5320, 52.9817, -100.4446

Protanopia

145.6300, 34.6924, -20.7235

Deuteranopia

142.4910, 42.1559, -34.6336



Tritanopia

115.6310, 29.2689, -101.4084

Trichromacy



Original Color

118.5320, 52.9817, -100.4446

Protanomaly

135.5770, 41.6205, -49.6180

Deuteranomaly

133.9610, 45.8682, -58.7248

Tritanomaly

116.3350, 38.2888, -101.1488

Monochromacy



Original Color

118.5320, 52.9817, -100.4446

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.5190, 19.4641, -36.4122

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5320, 52.9817, -100.4446 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(4, 156, 226)` looks like.

```
.text, #text, p{  
    color:rgb(4, 156, 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(4, 156, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 156, 226) }
```

Border

The CSS property to change the border of an element to YUV 118.5320, 52.9817, -100.4446 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(4, 156, 226) }
```


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

```
.border{ border-color:rgb(4, 156, 226) }
```

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

Here you see how a box with a 4 pixel rgb(4, 156, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(4, 156,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 118.5320, 52.9817, -100.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 156, 226) }
```

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

```
.background{ background-color: rgb(4, 156,  
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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