

Converting Colors

YUV(115.5750, 54.4395,
-101.3593)

Have a look what the booklet for
YUV(115.5750, 54.4395, -101.3593)
contains.

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Color

**YUV(115.5750, 54.4395,
-101.3593)**

Conversions

Conversions Part 1

Format	Color
Hex	0099E2
RGB	0, 153, 226
RGB Percent	0%, 60%, 89%
CMY	1.0000, 0.4000, 0.1137
CMYK	1.00, 0.32, 0.00, 0.11
HSL	199°, 100%, 44%
HSV	199°, 100%, 89%
XYZ	25.1187, 28.2735, 76.0849
YIQ	115.5750, -114.6210, -9.7330

Conversions

Conversions Part 2

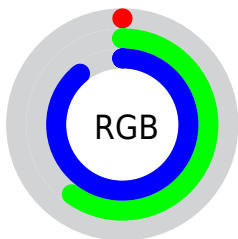
Format	Color
R _Y B	0, 91, 226
Decimal	39394
CIE Lab	60.13, -7.30, -46.21
CIE LCh	60, 46.784, 261.020
Yxy	28.2735, 0.1940, 0.2184
Android (android.graphics.Color)	4278229474 (0xFF0099E2)
YUV	115.5750, 54.4395, -101.3593
Hunter-Lab	53.1728, -8.7294, -47.6171

Details

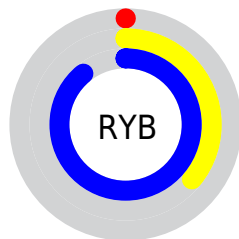
The YUV color **115.5750, 54.4395, -101.3593** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **110.4250, -54.4395, 101.3593**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9740, 36.0018, -67.5062**, and **79.2540, 44.7378, -69.5058** is the 20% darker color. If you saturate the color by 10%, you get **115.5750, 54.4395, -101.3593**, and if you desaturate by 10%, it is **126.5610, 49.0234, -90.8230**.

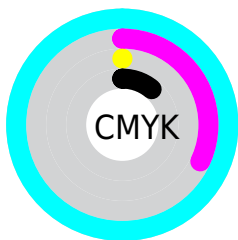
Distribution



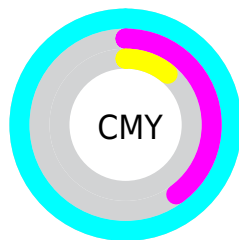
- Red (0%)
- Green (60%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5750, 54.4395, -101.3593 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 115.5750, 54.4395, -101.3593 by changing the saturation by 10% instead.

■ 115.5750, 54.4395,
-101.3593

■ 115.5750, 54.4395,
-101.3593

255.0000, 0.0000,
0.0000

■ 97.1210, 49.7333,
-85.1751

■ 181.9740, 36.0018,
-67.5062

■ 79.2540, 44.7378,
-69.5058

■ 208.2770, 23.0344,
-61.6329

■ 62.6750, 39.6002,
-54.9660

■ 229.2860, 12.6770,
-52.8708

■ 46.2100, 34.8995,
-40.5262

■ 238.8540, 7.9600,
-33.1980

■ 31.0330, 30.0567,
-27.2159

■ 248.1230, 3.3904,
-14.1399

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 115.5750, 54.4395,
-101.3593

■ 126.5610, 49.0234,
-90.8230

■ 137.8350, 43.4653,
-81.4163

■ 148.8210, 38.0492,
-70.8800

■ 159.5080, 32.7806,
-60.9585

■ 171.0810, 27.0751,
-50.9370

■ 182.0670, 21.6590,
-40.4008

■ 192.7540, 16.3903,
-30.4793

■ 203.7400, 10.9742,
-19.9430

■ 215.0140, 5.4161,
-10.5363

Harmonies

Analogous

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



118.8060, 43.9726, -104.1929



115.5750, 54.4395, -101.3593



144.8740, 38.0231, -15.6755

Triad

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



115.5750, 54.4395, -101.3593



144.9870, -13.3046, 67.5404



131.8020, -20.1154, -34.9064

Complementary

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



115.5750, 54.4395, -101.3593



110.4250, -54.4395, 101.3593

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.



137.7930, -36.3799, 1.9355



115.5750, 54.4395, -101.3593



143.7410, -30.4383, 56.3551

Square

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



115.5750, 54.4395, -101.3593



147.5680, 5.6360, 59.1379



141.7800, -39.8245, 33.5189



111.7890, 9.4710, -98.0390

Rectangle

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



115.5750, 54.4395, -101.3593



148.9660, 28.6108, 16.6928



141.7800, -39.8245, 33.5189



134.4570, -26.8473, -22.3258

Sweetspot

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



115.5750, 54.4395, -101.3593



217.6010, 18.4377, -33.8531



140.8700, -33.9529, -123.5430



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



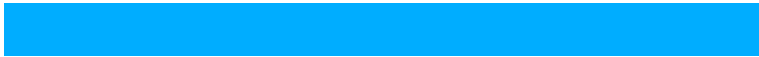
128.0000, 0.0000, 0.0000

Same Dimension

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



115.5750, 54.4395, -101.3593



130.6210, 61.3188, -114.5546



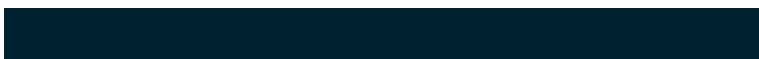
49.8310, 86.8513, -43.7018



106.9500, 2.4897, -5.2181



89.9170, 42.4389, -78.8572



24.8430, 11.4164, -21.7873

Inverse Universe

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



85.0160, 33.5161, 123.6430



95.9670, 37.9773, 139.4719



176.1690, -86.8513, 43.7018



105.2010, 1.8729, 5.9627



66.1900, 26.0353, 96.3034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 115.5750, 54.4395, -101.3593 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 115.5750, 54.4395, -101.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

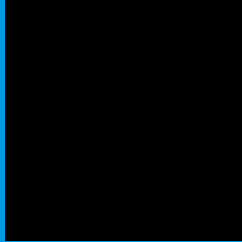
Any Text WCAG AA ✓ Pass

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 115.5750, 54.4395, -101.3593 Background



This preview shows how black text looks on a background with the YUV color 115.5750, 54.4395, -101.3593.



This preview shows how white text looks on a background with the YUV color 115.5750, 54.4395, -101.3593.

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



Protanopia

143.2600, 35.8608, -22.1530

Deuteranopia

139.5230, 43.6192, -37.2927

Tritanopia

113.5280, 28.8267, -99.5641

Trichromacy



Protanomaly

133.2070, 42.7889, -51.0475

Deuteranomaly

130.7050, 47.4734, -60.2543

Tritanomaly

114.0470, 38.4308, -100.0192

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6330, 19.9009, -36.5121

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5750, 54.4395, -101.3593 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(0, 153, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 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(0, 153, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 226) }
```

Border

The CSS property to change the border of an element to YUV 115.5750, 54.4395, -101.3593 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(0, 153, 226) }
```

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

```
.border{ border-color:rgb(0, 153, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
226) }
```


Background

The CSS property to change the background color of an element to YUV 115.5750, 54.4395, -101.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 226) }
```

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

```
.background{ background-color: rgb(0, 153,  
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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