

Converting Colors

YUV(113.7000, 54.8709,
-99.7149)

Have a look what the booklet for
YUV(113.7000, 54.8709, -99.7149)
contains.

YUV(113.7000, 54.8709, -99.7149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.7000, 54.8709,
-99.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	0096E1
RGB	0, 150, 225
RGB Percent	0%, 59%, 88%
CMY	1.0000, 0.4118, 0.1176
CMYK	1.00, 0.33, 0.00, 0.12
HSL	200°, 100%, 44%
HSV	200°, 100%, 88%
XYZ	24.4970, 27.2489, 75.2026
YIQ	113.7000, -113.4750, -8.4750

Conversions

Conversions Part 2

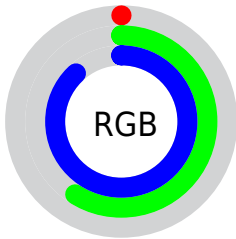
Format	Color
R _{YB}	0, 90, 225
Decimal	38625
CIE _{Lab}	59.20, -5.96, -47.13
CIE _{LCh}	59, 47.502, 262.793
Yxy	27.2489, 0.1930, 0.2146
Android (android.graphics.Color)	4278228705 (0xFF0096E1)
YUV	113.7000, 54.8709, -99.7149
Hunter-Lab	52.2005, -7.5834, -48.8757

Details

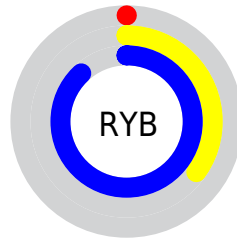
The YUV color **113.7000, 54.8709, -99.7149** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **111.3000, -54.8709, 99.7149**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2130, 36.8700, -65.9618**, and **77.9660, 44.8798, -68.3762** is the 20% darker color. If you saturate the color by 10%, you get **113.7000, 54.8709, -99.7149**, and if you desaturate by 10%, it is **124.9740, 49.3128, -90.3082**.

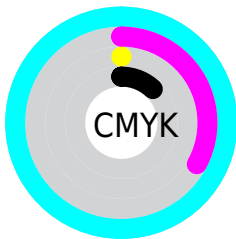
Distribution



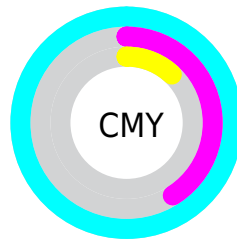
- Red (0%)
- Green (59%)
- Blue (88%)



- Red (0%)
- Yellow (35%)
- Blue (88%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7000, 54.8709, -99.7149 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 113.7000, 54.8709, -99.7149 by changing the saturation by 10% instead.

■ 113.7000, 54.8709,
-99.7149

■ 113.7000, 54.8709,
-99.7149

■ 255.0000, 0.0000,
0.0000

■ 95.2460, 50.1647,
-83.5307

■ 180.2130, 36.8700,
-65.9618

■ 77.9660, 44.8798,
-68.3762

■ 206.2170, 24.0500,
-60.7033

■ 60.8000, 40.0316,
-53.3216

■ 229.2860, 12.6770,
-52.8708

■ 44.9220, 35.0415,
-39.3966

■ 238.5550, 8.1074,
-33.8127

■ 29.7450, 30.1987,
-26.0864

■ 247.8240, 3.5378,
-14.7546

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 113.7000, 54.8709,
-99.7149

■ 124.9740, 49.3128,
-90.3082

■ 135.9600, 43.8967,
-79.7719

■ 147.5330, 38.1912,
-69.7504

■ 158.2200, 32.9225,
-59.8289

■ 169.7930, 27.2171,
-49.8075

■ 180.4800, 21.9484,
-39.8860

■ 191.7540, 16.3903,
-30.4793

■ 202.7400, 10.9742,
-19.9430

■ 214.3130, 5.2687,
-9.9215

Harmonies

Analogous

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



117.0450, 44.8408, -102.6485



113.7000, 54.8709, -99.7149



143.1840, 37.8703, -13.3164

Triad

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



113.7000, 54.8709, -99.7149



142.6450, -14.6150, 67.8403



128.1220, -18.7941, -38.6950

Complementary

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



113.7000, 54.8709, -99.7149



111.3000, -54.8709, 99.7149

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.



135.4830, -36.2271, -0.4236



113.7000, 54.8709, -99.7149



141.1000, -31.6013, 56.0403

Square

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



113.7000, 54.8709, -99.7149



144.3510, 4.7570, 61.0822



139.2420, -40.5453, 31.3598



110.6150, 10.0498, -97.0094

Rectangle

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



113.7000, 54.8709, -99.7149



146.5750, 28.3105, 19.6667



139.2420, -40.5453, 31.3598



131.3750, -25.8209, -24.8849

Sweetspot

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



113.7000, 54.8709, -99.7149



217.6010, 18.4377, -33.8531



140.6250, -32.3531, -123.3281



104.8540, 11.4110, -20.0430



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.



113.7000, 54.8709, -99.7149



128.8600, 62.1870, -113.0102



49.7170, 86.4145, -43.6018



106.3630, 2.7790, -4.7034



88.7430, 43.0177, -77.8276



24.2560, 11.7058, -21.2725

Inverse Universe

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



84.3750, 32.3531, 123.3281



95.6250, 36.6669, 139.7719



177.6310, -87.5721, 41.5426



105.0870, 1.4361, 6.0627



65.9620, 25.1617, 96.5033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 113.7000, 54.8709, -99.7149 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 113.7000, 54.8709, -99.7149 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

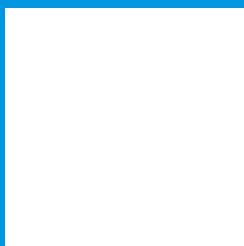
Any Text WCAG AAA × Fail

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

YUV 113.7000, 54.8709, -99.7149 Background



This preview shows how black text looks on a background with the YUV color 113.7000, 54.8709, -99.7149.

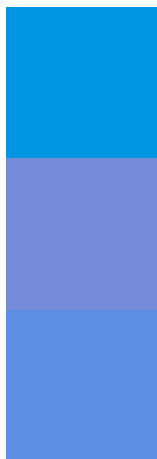


This preview shows how white text looks on a background with the YUV color 113.7000, 54.8709, -99.7149.

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

113.7000, 54.8709, -99.7149

Protanopia

140.6020, 37.1712, -22.4530

Deuteranopia

136.7400, 44.4982, -39.2370



Tritanopia

112.0120, 28.0951, -98.2345

Trichromacy



Original Color

113.7000, 54.8709, -99.7149

Protanomaly

130.7340, 43.5151, -50.6327

Deuteranomaly

128.5200, 48.0576, -60.9690

Tritanomaly

112.5310, 37.6992, -98.6897

Monochromacy



Original Color

113.7000, 54.8709, -99.7149

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9320, 19.7535, -35.8974

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7000, 54.8709, -99.7149 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, 150, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 225)  
}
```

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, 150, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 225) }
```

Border

The CSS property to change the border of an element to YUV 113.7000, 54.8709, -99.7149 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, 150, 225) }
```


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

```
.border{ border-color:rgb(0, 150, 225) }
```

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

Here you see how a box with a 4 pixel rgb(0, 150, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 113.7000, 54.8709, -99.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 225) }
```

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

```
.background{ background-color: rgb(0, 150,  
225) }
```

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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