

Converting Colors

YUV(119.6370, 47.0140,
-99.6596)

Have a look what the booklet for
YUV(119.6370, 47.0140, -99.6596)
contains.

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Color

**YUV(119.6370, 47.0140,
-99.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	069FD7
RGB	6, 159, 215
RGB Percent	2%, 62%, 84%
CMY	0.9765, 0.3765, 0.1569
CMYK	0.97, 0.26, 0.00, 0.16
HSL	196°, 95%, 43%
HSV	196°, 97%, 84%
XYZ	24.7390, 29.7413, 68.7267
YIQ	119.6370, -109.1640, -15.0200

Conversions

Conversions Part 2

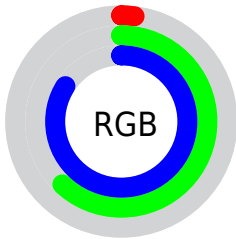
Format	Color
RYB	6, 94, 215
Decimal	434135
CIELab	61.43, -14.51, -38.06
CIELCh	61, 40.733, 249.130
Yxy	29.7413, 0.2008, 0.2414
Android (android.graphics.Color)	4278624215 (0xFF069FD7)
YUV	119.6370, 47.0140, -99.6596
Hunter-Lab	54.5356, -14.4643, -36.5435

Details

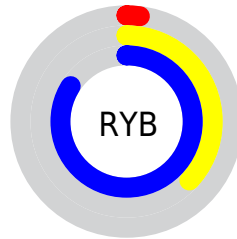
The YUV color **119.6370, 47.0140, -99.6596** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **101.3630, -47.0140, 99.6596**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7840, 34.1235, -71.7246**, and **81.6360, 38.6335, -71.5948** is the 20% darker color. If you saturate the color by 10%, you get **116.6690, 48.4772, -102.3187**, and if you desaturate by 10%, it is **129.7370, 42.0347, -89.2233**.

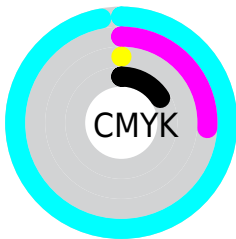
Distribution



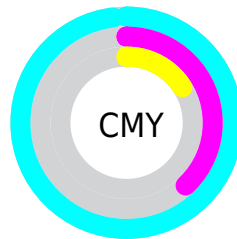
- Red (2%)
- Green (62%)
- Blue (84%)



- Red (2%)
- Yellow (37%)
- Blue (84%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6370, 47.0140, -99.6596 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 119.6370, 47.0140, -99.6596 by changing the saturation by 10% instead.

■ 119.6370, 47.0140,
-99.6596

■ 119.6370, 47.0140,
-99.6596

255.0000, 0.0000,
0.0000

■ 99.3890, 43.1922,
-87.1642

■ 185.7840, 34.1235,
-71.7246

■ 81.6360, 38.6335,
-71.5948

■ 211.7880, 21.3035,
-66.4661

■ 63.9970, 34.5115,
-56.1254

■ 228.9870, 12.8244,
-53.4856

■ 47.5320, 29.8107,
-41.6856

■ 238.2560, 8.2548,
-34.4275

■ 32.3550, 24.9680,
-28.3753

■ 247.2260, 3.8326,
-15.9842

■ 15.6450, 21.8670,
-13.7207

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 119.6370, 47.0140,
-99.6596

■ 119.6370, 47.0140,
-99.6596

■ 116.6690, 48.4772,
-102.3187

■ 129.7370, 42.0347,
-89.2233

■ 139.5380, 37.2028,
-79.4018

■ 149.0510, 32.5129,
-68.4507

■ 158.8520, 27.6810,
-58.6292

■ 168.9520, 22.7017,
-48.1929

■ 178.7530, 17.8698,
-38.3714

■ 188.2660, 13.1799,
-27.4203

■ 198.0670, 8.3480,
-17.5988

■ 208.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



118.8570, 36.5525, -104.2376



119.6370, 47.0140, -99.6596



144.7320, 36.6141, -30.4600

Triad

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



119.6370, 47.0140, -99.6596



150.5820, -5.7099, 58.2486



139.8860, -24.1008, -16.5630

Complementary

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



119.6370, 47.0140, -99.6596



101.3630, -47.0140, 99.6596

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.



144.4400, -34.2339, 13.6461



119.6370, 47.0140, -99.6596



148.7330, -21.5604, 55.4852

Square

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



119.6370, 47.0140, -99.6596



152.5490, 11.0683, 43.3685



147.0610, -32.5681, 39.4115



132.1770, -5.5103, -52.7752

Rectangle

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



119.6370, 47.0140, -99.6596



150.4970, 29.8280, -0.4359



147.0610, -32.5681, 39.4115



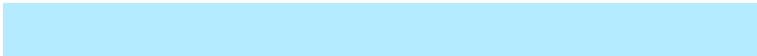
141.9860, -29.0801, -6.1267

Sweetspot

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



119.6370, 47.0140, -99.6596



221.1340, 16.6959, -35.1975



135.0670, -36.0220, -113.1918



107.5010, 10.1060, -21.4874



0.0000, 0.0000, 0.0000



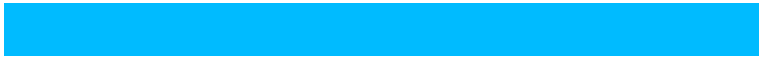
128.0000, 0.0000, 0.0000

Same Dimension

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



119.6370, 47.0140, -99.6596



138.8390, 57.2674, -121.7618



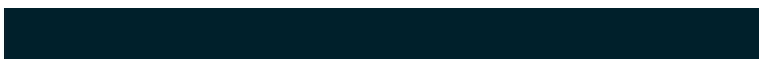
58.5890, 77.1106, -46.1206



101.9500, 2.4897, -5.2181



92.8690, 38.5186, -81.4461



23.6860, 9.5218, -20.7726

Inverse Universe

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



85.9330, 36.0220, 113.1918



97.5630, 44.0924, 138.0722



162.4110, -77.1106, 46.1206



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 119.6370, 47.0140, -99.6596 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 119.6370, 47.0140, -99.6596 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 119.6370, 47.0140, -99.6596

Background



This preview shows how black text looks on a background with the YUV color 119.6370, 47.0140, -99.6596.

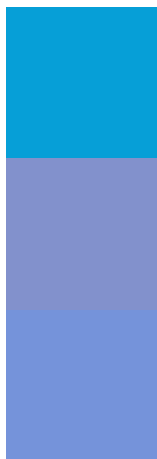


This preview shows how white text looks on a background with the YUV color 119.6370, 47.0140,

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

119.6370, 47.0140, -99.6596

Protanopia

147.2410, 27.9822, -15.1204

Deuteranopia

146.1240, 35.4349, -25.5417



Tritanopia

116.3320, 29.4163, -102.0232

Trichromacy



Original Color

119.6370, 47.0140, -99.6596



Protanomaly

137.1770, 34.9157, -45.7592



Deuteranomaly

136.3980, 39.7368, -52.0920



Tritanomaly

117.3520, 35.8155, -101.1637

Monochromacy



Original Color

119.6370, 47.0140, -99.6596



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.9490, 17.2801, -35.9123

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6370, 47.0140, -99.6596 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(6, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(6, 159, 215)  
}
```

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(6, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 159, 215) }
```

Border

The CSS property to change the border of an element to YUV 119.6370, 47.0140, -99.6596 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(6, 159, 215) }
```


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

```
.border{ border-color:rgb(6, 159, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 159, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 159, 215);  
box-shadow:4px 4px 4px 4px rgb(6, 159,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 119.6370, 47.0140, -99.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 159, 215) }
```

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

```
.background{ background-color: rgb(6, 159,  
215) }
```

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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