

Converting Colors

YUV(118.1490, 43.8035,
-96.6007)

Have a look what the booklet for
YUV(118.1490, 43.8035, -96.6007)
contains.

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Color

**YUV(118.1490, 43.8035,
-96.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	089DCF
RGB	8, 157, 207
RGB Percent	3%, 62%, 81%
CMY	0.9686, 0.3843, 0.1882
CMYK	0.96, 0.24, 0.00, 0.19
HSL	195°, 93%, 42%
HSV	195°, 96%, 81%
XYZ	23.4196, 28.6706, 63.3311
YIQ	118.1490, -104.8540, -16.0380

Conversions

Conversions Part 2

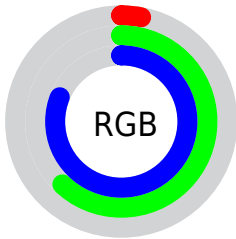
Format	Color
RYB	8, 93, 207
Decimal	564687
CIELab	60.49, -16.24, -35.07
CIELCh	60, 38.646, 245.157
Yxy	28.6706, 0.2029, 0.2484
Android (android.graphics.Color)	4278754767 (0xFF089DCF)
YUV	118.1490, 43.8035, -96.6007
Hunter-Lab	53.5449, -15.6308, -32.6448

Details

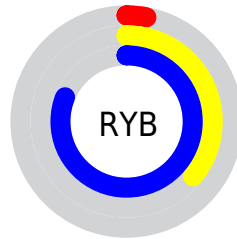
The YUV color **118.1490, 43.8035, -96.6007** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **96.8510, -43.8035, 96.6007**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0120, 34.9971, -71.9245**, and **79.5500, 35.7178, -69.7653** is the 20% darker color. If you saturate the color by 10%, you get **114.5830, 45.5616, -100.4893**, and if you desaturate by 10%, it is **127.3630, 39.2610, -86.2644**.

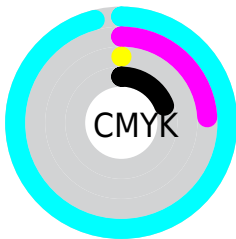
Distribution



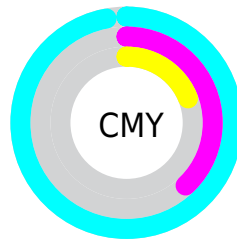
- Red (3%)
- Green (62%)
- Blue (81%)



- Red (3%)
- Yellow (36%)
- Blue (81%)



- Cyan (96%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1490, 43.8035, -96.6007 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 118.1490, 43.8035, -96.6007 by changing the saturation by 10% instead.

■ 118.1490, 43.8035,
-96.6007

■ 118.1490, 43.8035,
-96.6007

■ 255.0000, 0.0000,
0.0000

■ 97.3030, 40.2766,
-85.3347

■ 184.0120, 34.9971,
-71.9245

■ 79.5500, 35.7178,
-69.7653

■ 210.0160, 22.1771,
-66.6660

■ 62.4980, 31.3065,
-54.8107

■ 228.0900, 13.2666,
-55.3299

■ 46.1470, 27.0425,
-40.4709

■ 237.3590, 8.6970,
-36.2718

■ 30.4970, 22.9260,
-26.7459

■ 246.6280, 4.1274,
-17.2138

■ 10.8520, 21.2720,
-9.5172

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 118.1490, 43.8035,
-96.6007

■ 118.1490, 43.8035,
-96.6007

■ 114.5830, 45.5616,
-100.4893

■ 127.3630, 39.2610,
-86.2644

■ 136.2780, 34.8659,
-76.5428

■ 146.0790, 30.0341,
-66.7213

■ 155.2930, 25.4916,
-56.3850

■ 164.2080, 21.0965,
-46.6634

■ 173.4220, 16.5540,
-36.3271

■ 182.6360, 12.0115,
-25.9908

■ 192.4370, 7.1796,
-16.1692

■ 201.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



116.0700, 33.4895, -101.7934



118.1490, 43.8035, -96.6007



141.3680, 35.3146, -33.6487

Triad

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



118.1490, 43.8035, -96.6007



148.1300, -3.5151, 54.2600



138.8050, -24.5539, -11.2300

Complementary

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



118.1490, 43.8035, -96.6007



96.8510, -43.8035, 96.6007

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.



142.9180, -32.4976, 16.7349



118.1490, 43.8035, -96.6007



146.7050, -19.0816, 53.7557

Square

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



118.1490, 43.8035, -96.6007



149.8580, 12.3950, 37.8355



145.0440, -30.0947, 39.4264



132.2490, -8.0108, -44.0684

Rectangle

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



118.1490, 43.8035, -96.6007



147.4640, 29.8442, -5.6689



145.0440, -30.0947, 39.4264



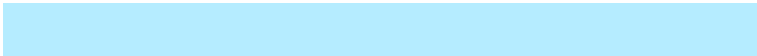
140.4210, -28.8016, -2.1232

Sweetspot

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



118.1490, 43.8035, -96.6007



221.7210, 16.4065, -35.7123



130.5130, -35.7489, -107.4439



107.5010, 10.1060, -21.4874



0.0000, 0.0000, 0.0000



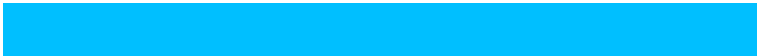
128.0000, 0.0000, 0.0000

Same Dimension

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



118.1490, 43.8035, -96.6007



141.1870, 56.1098, -123.8210



60.0360, 72.4533, -45.6356



99.9500, 2.4897, -5.2181



93.1140, 36.9188, -81.6610



22.8710, 8.9376, -20.0579

Inverse Universe

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



84.4870, 35.7489, 107.4439



98.0190, 45.8396, 137.6723



154.9640, -72.4533, 45.6356



98.2010, 1.8729, 5.9627



64.5960, 30.2722, 90.6853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 118.1490, 43.8035, -96.6007 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 118.1490, 43.8035, -96.6007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

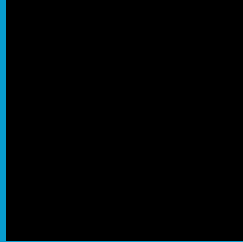
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1490, 43.8035, -96.6007

Background



This preview shows how black text looks on a background with the YUV color 118.1490, 43.8035, -96.6007.

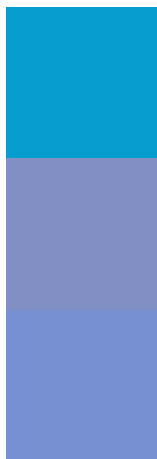


This preview shows how white text looks on a background with the YUV color 118.1490, 43.8035, -96.6007.

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

118.1490, 43.8035, -96.6007

Protanopia

145.1550, 25.0666, -13.2909

Deuteranopia

144.0490, 32.5138, -21.9680



Tritanopia

114.3430, 29.4109, -100.2788

Trichromacy



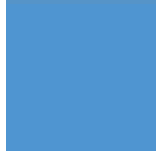
Original Color

118.1490, 43.8035, -96.6007



Protanomaly

135.3900, 31.8527, -43.3150



Deuteranomaly

134.9100, 36.5264, -49.0331



Tritanomaly

116.0210, 34.4996, -99.1194

Monochromacy



Original Color

118.1490, 43.8035, -96.6007



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.9060, 15.8223, -34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1490, 43.8035, -96.6007 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(8, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(8, 157, 207)  
}
```

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(8, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 157, 207) }
```

Border

The CSS property to change the border of an element to YUV 118.1490, 43.8035, -96.6007 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(8, 157, 207) }
```


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

```
.border{ border-color:rgb(8, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(8, 157,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 118.1490, 43.8035, -96.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 157, 207) }
```

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

```
.background{ background-color: rgb(8, 157,  
207) }
```

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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