

Converting Colors

YUV(122.2480, 40.3037,
-94.0565)

Have a look what the booklet for
YUV(122.2480, 40.3037, -94.0565)
contains.

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Color

**YUV(122.2480, 40.3037,
-94.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	0FA1CC
RGB	15, 161, 204
RGB Percent	6%, 63%, 80%
CMY	0.9412, 0.3686, 0.2000
CMYK	0.93, 0.21, 0.00, 0.20
HSL	194°, 86%, 43%
HSV	194°, 93%, 80%
XYZ	23.8410, 29.9509, 61.6513
YIQ	122.2480, -100.8190, -17.5790

Conversions

Conversions Part 2

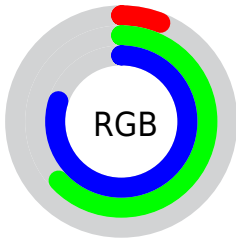
Format	Color
RYB	15, 97, 204
Decimal	1024460
CIELab	61.61, -19.20, -31.65
CIElCh	62, 37.017, 238.749
Yxy	29.9509, 0.2065, 0.2594
Android (android.graphics.Color)	4279214540 (0xFF0FA1CC)
YUV	122.2480, 40.3037, -94.0565
Hunter-Lab	54.7274, -18.0129, -28.4819

Details

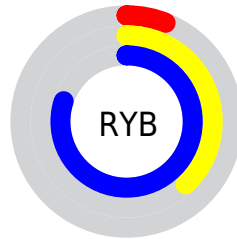
The YUV color **122.2480, 40.3037, -94.0565** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **96.7520, -40.3037, 94.0565**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6590, 33.6921, -73.3689**, and **81.0830, 33.9761, -71.1098** is the 20% darker color. If you saturate the color by 10%, you get **116.0020, 43.3830, -101.7338**, and if you desaturate by 10%, it is **131.1630, 35.9086, -84.3350**.

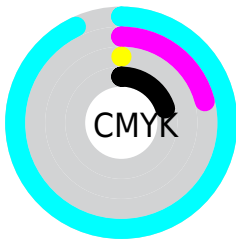
Distribution



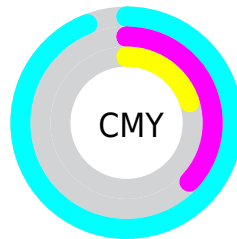
- Red (6%)
- Green (63%)
- Blue (80%)



- Red (6%)
- Yellow (38%)
- Blue (80%)



- Cyan (93%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (94%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2480, 40.3037, -94.0565 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 122.2480, 40.3037, -94.0565 by changing the saturation by 10% instead.

■ 122.2480, 40.3037,
-94.0565

■ 122.2480, 40.3037,
-94.0565

255.0000, 0.0000,
0.0000

■ 99.3090, 37.8087,
-87.0940

■ 186.6590, 33.6921,
-73.3689

■ 81.0830, 33.9761,
-71.1098

■ 212.6630, 20.8721,
-68.1105

■ 64.0310, 29.5647,
-56.1552

■ 228.3890, 13.1192,
-54.7152

■ 47.6800, 25.3008,
-41.8154

■ 237.6580, 8.5496,
-35.6571

■ 31.9160, 20.7474,
-27.9903

■ 246.9270, 3.9800,
-16.5990

■ 14.7330, 18.3726,
-12.9208

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 122.2480, 40.3037,
-94.0565

■ 122.2480, 40.3037,
-94.0565

■ 116.0020, 43.3830,
-101.7338

■ 131.1630, 35.9086,
-84.3350

■ 139.7900, 31.6555,
-73.4838

■ 148.7050, 27.2604,
-63.7623

■ 157.9190, 22.7179,
-53.4260

■ 166.2470, 18.6122,
-43.1896

■ 175.1620, 14.2171,
-33.4681

■ 183.7890, 9.9640,
-22.6170

■ 192.7040, 5.5689,
-12.8954

■ 201.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



117.2610, 30.4373, -102.8379



122.2480, 40.3037, -94.0565



142.3240, 35.3363, -40.6261

Triad

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



122.2480, 40.3037, -94.0565



151.9060, -0.4467, 50.0714



142.7950, -26.0279, -5.0822

Complementary

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



122.2480, 40.3037, -94.0565



96.7520, -40.3037, 94.0565

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.



146.1790, -31.6402, 21.7680



122.2480, 40.3037, -94.0565



150.0300, -15.2978, 53.4707

Square

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



122.2480, 40.3037, -94.0565



153.0960, 14.7427, 31.4878



148.8640, -27.0480, 42.2153



137.9790, -11.8216, -35.0616

Rectangle

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



122.2480, 40.3037, -94.0565



149.2350, 30.4501, -13.3611



148.8640, -27.0480, 42.2153



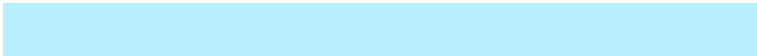
144.0520, -29.1126, 4.3394

Sweetspot

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



122.2480, 40.3037, -94.0565



224.3790, 15.0962, -35.4124



130.6170, -36.7862, -101.3961



108.9740, 9.3798, -21.9022



0.0000, 0.0000, 0.0000



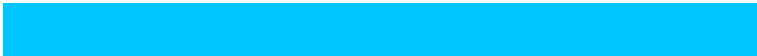
128.0000, 0.0000, 0.0000

Same Dimension

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



122.2480, 40.3037, -94.0565



144.7090, 54.3735, -126.9098



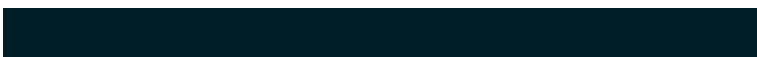
68.2440, 66.9277, -46.6950



97.8360, 2.0529, -5.1182



94.0600, 35.4664, -82.4906



21.9420, 7.9166, -19.2431

Inverse Universe

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



88.1550, 35.9126, 101.5961



98.7030, 48.4604, 137.0725



150.7560, -66.9277, 46.6950



95.9020, 2.0203, 5.3479



64.2260, 31.4406, 89.2558



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 122.2480, 40.3037, -94.0565 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 122.2480, 40.3037, -94.0565 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 122.2480, 40.3037, -94.0565

Background



This preview shows how black text looks on a background with the YUV color 122.2480, 40.3037, -94.0565.

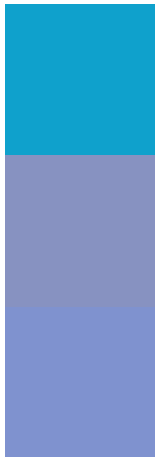


This preview shows how white text looks on a background with the YUV color 122.2480, 40.3037, -94.0565.

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

122.2480, 40.3037, -94.0565

Protanopia

148.0690, 22.1510, -11.4615

Deuteranopia

147.2730, 29.4454, -17.7794



Tritanopia

116.4460, 29.8531, -102.1231

Trichromacy



Original Color

122.2480, 40.3037, -94.0565

Protanomaly

138.3040, 28.9371, -41.4856

Deuteranomaly

137.8350, 33.6053, -45.4593

Tritanomaly

118.4940, 33.7735, -99.5342

Monochromacy



Original Color

122.2480, 40.3037, -94.0565

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9770, 14.8013, -34.1828

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2480, 40.3037, -94.0565 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(15, 161, 204)` looks like.

```
.text, #text, p{  
    color:rgb(15, 161, 204)  
}
```

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(15, 161, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 161, 204) }
```

Border

The CSS property to change the border of an element to YUV 122.2480, 40.3037, -94.0565 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(15, 161, 204) }
```


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

```
.border{ border-color:rgb(15, 161, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 161, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 161, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 161, 204);  
box-shadow:4px 4px 4px 4px rgb(15, 161,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 122.2480, 40.3037, -94.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 161, 204) }
```

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

```
.background{ background-color: rgb(15, 161,  
204) }
```

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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