

Converting Colors

YUV(115.2030, 45.2559,
-95.7710)

Have a look what the booklet for
YUV(115.2030, 45.2559, -95.7710)
contains.

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Color

**YUV(115.2030, 45.2559,
-95.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	0699CF
RGB	6, 153, 207
RGB Percent	2%, 60%, 81%
CMY	0.9765, 0.4000, 0.1882
CMYK	0.97, 0.26, 0.00, 0.19
HSL	196°, 94%, 42%
HSV	196°, 97%, 81%
XYZ	22.7288, 27.3262, 63.1080
YIQ	115.2030, -104.9460, -14.3700

Conversions

Conversions Part 2

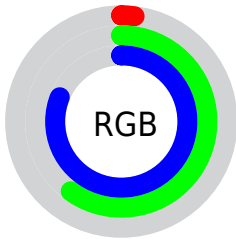
Format	Color
RYB	6, 91, 207
Decimal	432591
CIELab	59.28, -14.11, -36.97
CIELCh	59, 39.570, 249.105
Yxy	27.3262, 0.2009, 0.2415
Android (android.graphics.Color)	4278622671 (0xFF0699CF)
YUV	115.2030, 45.2559, -95.7710
Hunter-Lab	52.2744, -13.8688, -34.9854

Details

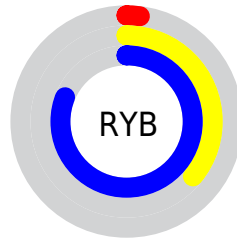
The YUV color **115.2030, 45.2559, -95.7710** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **97.7970, -45.2559, 95.7710**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0770, 36.4440, -69.3505**, and **77.2020, 36.8754, -67.7062** is the 20% darker color. If you saturate the color by 10%, you get **112.2350, 46.7191, -98.4301**, and if you desaturate by 10%, it is **125.0040, 40.4240, -85.9495**.

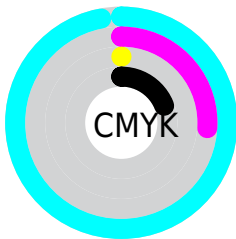
Distribution



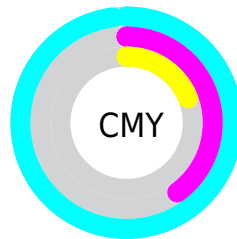
- Red (2%)
- Green (60%)
- Blue (81%)



- Red (2%)
- Yellow (36%)
- Blue (81%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2030, 45.2559, -95.7710 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 115.2030, 45.2559, -95.7710 by changing the saturation by 10% instead.

■ 115.2030, 45.2559,
-95.7710

■ 115.2030, 45.2559,
-95.7710

■ 255.0000, 0.0000,
0.0000

■ 94.9550, 41.4342,
-83.2755

■ 181.0770, 36.4440,
-69.3505

■ 77.2020, 36.8754,
-67.7062

■ 207.6680, 23.3347,
-64.6068

■ 60.1500, 32.4641,
-52.7515

■ 228.0900, 13.2666,
-55.3299

■ 43.7990, 28.2001,
-38.4117

■ 237.0600, 8.8444,
-36.8866

■ 28.7360, 23.7942,
-25.2015

■ 246.3290, 4.2748,
-17.8285

■ 9.0910, 22.1401,
-7.9728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 115.2030, 45.2559,
-95.7710

■ 115.2030, 45.2559,
-95.7710

■ 112.2350, 46.7191,
-98.4301

■ 125.0040, 40.4240,
-85.9495

■ 133.9190, 36.0289,
-76.2280

■ 143.7200, 31.1970,
-66.4064

■ 152.9340, 26.6545,
-56.0701

■ 162.7350, 21.8226,
-46.2486

■ 171.6500, 17.4275,
-36.5271

■ 181.4510, 12.5957,
-26.7055

■ 190.6650, 8.0532,
-16.3692

■ 200.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



114.4230, 34.7945, -100.3490



115.2030, 45.2559, -95.7710



139.6890, 35.1563, -29.5453

Triad

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



115.2030, 45.2559, -95.7710



144.5710, -5.7045, 56.5042



134.4130, -23.3746, -16.1482

Complementary

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



115.2030, 45.2559, -95.7710



97.7970, -45.2559, 95.7710

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.



138.7820, -32.9235, 13.3462



115.2030, 45.2559, -95.7710



142.9500, -20.6813, 53.5409

Square

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



115.2030, 45.2559, -95.7710



146.4240, 10.6370, 41.7242



141.3920, -31.2523, 37.3672



127.6010, -5.2263, -50.5161

Rectangle

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



115.2030, 45.2559, -95.7710



144.8560, 28.6650, -0.7507



141.3920, -31.2523, 37.3672



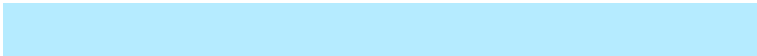
136.6270, -27.9171, -5.8119

Sweetspot

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



115.2030, 45.2559, -95.7710



221.1340, 16.6959, -35.1975



130.1430, -34.5805, -108.8734



107.5010, 10.1060, -21.4874



0.0000, 0.0000, 0.0000



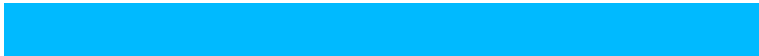
128.0000, 0.0000, 0.0000

Same Dimension

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



115.2030, 45.2559, -95.7710



138.2520, 57.5568, -121.2470



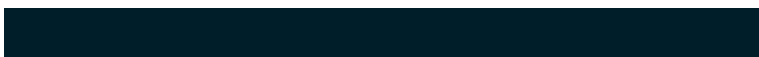
56.5030, 74.1950, -44.2911



99.9500, 2.4897, -5.2181



91.3530, 37.7870, -80.1166



22.2840, 9.2270, -19.5431

Inverse Universe

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



82.8570, 34.5805, 108.8734



97.4490, 43.6556, 138.1722



156.4970, -74.1950, 44.2911



98.2010, 1.8729, 5.9627



64.2540, 28.9618, 90.9852



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 115.2030, 45.2559, -95.7710 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 115.2030, 45.2559, -95.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

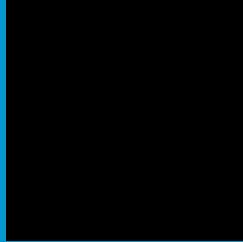
Any Text WCAG AA ✓ Pass

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 115.2030, 45.2559, -95.7710 Background



This preview shows how black text looks on a background with the YUV color 115.2030, 45.2559, -95.7710.

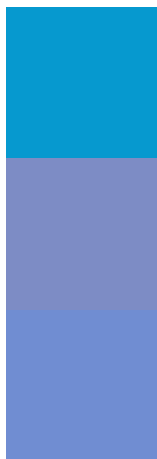


This preview shows how white text looks on a background with the YUV color 115.2030, 45.2559, -95.7710.

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

115.2030, 45.2559, -95.7710

Protanopia

142.0130, 27.1086, -14.9204

Deuteranopia

140.1950, 34.4139, -24.7270



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

115.2030, 45.2559, -95.7710

Protanomaly

132.5470, 33.7473, -44.3297

Deuteranomaly

130.7680, 38.5684, -50.6625

Tritanomaly

113.0320, 34.4942, -97.3751

Monochromacy



Original Color

115.2030, 45.2559, -95.7710

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0200, 16.2591, -35.0975

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2030, 45.2559, -95.7710 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, 153, 207)` looks like.

```
.text, #text, p{  
    color:rgb(6, 153, 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(6, 153, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 153, 207) }
```

Border

The CSS property to change the border of an element to YUV 115.2030, 45.2559, -95.7710 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, 153, 207) }
```


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

```
.border{ border-color:rgb(6, 153, 207) }
```

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

Here you see how a box with a 4 pixel rgb(6, 153, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 153, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 153, 207);  
box-shadow:4px 4px 4px 4px rgb(6, 153,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 115.2030, 45.2559, -95.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 153, 207) }
```

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

```
.background{ background-color: rgb(6, 153,  
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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