

Converting Colors

YUV(119.4420, 46.1241,
-94.2266)

Have a look what the booklet for
YUV(119.4420, 46.1241, -94.2266)
contains.

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Color

**YUV(119.4420, 46.1241,
-94.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	0C9CD5
RGB	12, 156, 213
RGB Percent	5%, 61%, 84%
CMY	0.9529, 0.3882, 0.1647
CMYK	0.94, 0.27, 0.00, 0.16
HSL	197°, 89%, 44%
HSV	197°, 94%, 84%
XYZ	24.0503, 28.6592, 67.2150
YIQ	119.4420, -104.1210, -12.8010

Conversions

Conversions Part 2

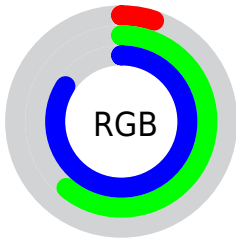
Format	Color
RYB	12, 96, 213
Decimal	826581
CIELab	60.48, -13.40, -38.43
CIELCh	60, 40.702, 250.773
Yxy	28.6592, 0.2005, 0.2390
Android (android.graphics.Color)	4279016661 (0xFF0C9CD5)
YUV	119.4420, 46.1241, -94.2266
Hunter-Lab	53.5343, -13.4937, -36.9676

Details

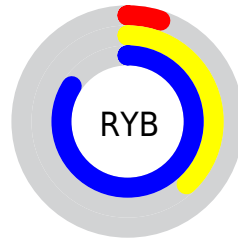
The YUV color **119.4420, 46.1241, -94.2266** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **105.5580, -46.1241, 94.2266**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4360, 35.2811, -69.6654**, and **79.6470, 38.6280, -69.8504** is the 20% darker color. If you saturate the color by 10%, you get **114.0930, 48.7612, -100.0596**, and if you desaturate by 10%, it is **129.2430, 41.2922, -84.4051**.

Distribution



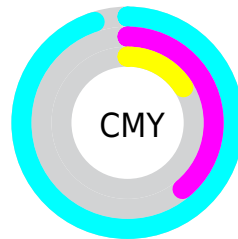
- Red (5%)
- Green (61%)
- Blue (84%)



- Red (5%)
- Yellow (38%)
- Blue (84%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)



- Cyan (95%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4420, 46.1241, -94.2266 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 119.4420, 46.1241, -94.2266 by changing the saturation by 10% instead.

■ 119.4420, 46.1241,
-94.2266

■ 119.4420, 46.1241,
-94.2266

■ 255.0000, 0.0000,
0.0000

■ 97.4000, 43.1868,
-85.4198

■ 183.4360, 35.2811,
-69.6654

■ 79.6470, 38.6280,
-69.8504

■ 210.0270, 22.1717,
-64.9217

■ 62.5950, 34.2167,
-54.8958

■ 228.9870, 12.8244,
-53.4856

■ 46.1300, 29.5159,
-40.4560

■ 237.9570, 8.4022,
-35.0423

■ 31.0670, 25.1100,
-27.2458

■ 247.2260, 3.8326,
-15.9842

■ 11.8950, 22.7298,
-10.4319

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 119.4420, 46.1241,
-94.2266

■ 119.4420, 46.1241,
-94.2266

■ 114.0930, 48.7612,
-100.0596

■ 129.2430, 41.2922,
-84.4051

■ 139.3430, 36.3129,
-73.9688

■ 149.1440, 31.4810,
-64.1473

■ 158.9450, 26.6491,
-54.3258

■ 168.7460, 21.8172,
-44.5042

■ 178.8460, 16.8379,
-34.0679

■ 188.6470, 12.0060,
-24.2464

■ 198.4480, 7.1741,
-14.4249

■ 208.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



116.9820, 36.9839, -102.5932



119.4420, 46.1241, -94.2266



142.9280, 36.0245, -28.0009

Triad

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



119.4420, 46.1241, -94.2266



147.9410, -6.8729, 57.9337



137.1030, -23.2218, -18.5073

Complementary

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



119.4420, 46.1241, -94.2266



105.5580, -46.1241, 94.2266

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.



141.5430, -33.7917, 11.8018



119.4420, 46.1241, -94.2266



146.2060, -22.2866, 55.0703

Square

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



119.4420, 46.1241, -94.2266



149.6200, 10.0473, 44.1833



144.6370, -32.8520, 37.1524



129.2090, -4.0470, -55.4343

Rectangle

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



119.4420, 46.1241, -94.2266



148.3940, 29.3858, 1.4085



144.6370, -32.8520, 37.1524



139.2030, -28.2011, -8.0710

Sweetspot

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



119.4420, 46.1241, -94.2266



222.0310, 16.2537, -33.3532



136.4850, -33.2701, -109.1733



107.2130, 10.2480, -20.3578



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.



119.4420, 46.1241, -94.2266



136.4910, 58.4249, -119.7026



60.7420, 75.0632, -42.7467



101.9500, 2.4897, -5.2181



91.1080, 39.3868, -79.9017



23.0990, 9.8112, -20.2578

Inverse Universe

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



88.5150, 33.2701, 109.1733



97.1070, 42.3452, 138.4722



164.2580, -75.0632, 42.7467



100.2010, 1.8729, 5.9627



65.0370, 28.0828, 92.9296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 119.4420, 46.1241, -94.2266 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 119.4420, 46.1241, -94.2266 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 119.4420, 46.1241, -94.2266

Background



This preview shows how black text looks on a background with the YUV color 119.4420, 46.1241, -94.2266.



This preview shows how white text looks on a background with the YUV color 119.4420, 46.1241, -94.2266.

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

119.4420, 46.1241, -94.2266

Protanopia

144.9420, 28.1296, -15.7351

Deuteranopia

142.9390, 36.0191, -26.2565



Tritanopia

114.2290, 28.9741, -100.1788

Trichromacy



Original Color

119.4420, 46.1241, -94.2266



Protanomaly

135.7750, 34.6209, -44.5297



Deuteranomaly

134.1100, 39.8788, -50.9625



Tritanomaly

115.9610, 35.5152, -98.1898

Monochromacy



Original Color

119.4420, 46.1241, -94.2266



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.8460, 16.8379, -34.0679

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4420, 46.1241, -94.2266 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(12, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(12, 156, 213)  
}
```

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(12, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 156, 213) }
```

Border

The CSS property to change the border of an element to YUV 119.4420, 46.1241, -94.2266 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(12, 156, 213) }
```


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

```
.border{ border-color:rgb(12, 156, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 156, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 156, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 156, 213);  
box-shadow:4px 4px 4px 4px rgb(12, 156,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 119.4420, 46.1241, -94.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 156, 213) }
```

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

```
.background{ background-color: rgb(12, 156,  
213) }
```

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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