

Converting Colors

YUV(115.6430, 44.5460,
-101.4189)

Have a look what the booklet for
YUV(115.6430, 44.5460, -101.4189)
contains.

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Color

**YUV(115.6430, 44.5460,
-101.4189)**

Conversions

Conversions Part 1

Format	Color
Hex	009DCE
RGB	0, 157, 206
RGB Percent	0%, 62%, 81%
CMY	1.0000, 0.3843, 0.1922
CMYK	1.00, 0.24, 0.00, 0.19
HSL	194°, 100%, 40%
HSV	194°, 100%, 81%
XYZ	23.1975, 28.5702, 62.6845
YIQ	115.6430, -109.3010, -18.0450

Conversions

Conversions Part 2

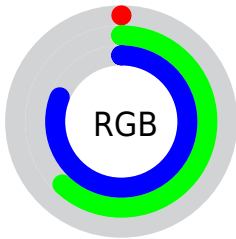
Format	Color
RYB	0, 89, 206
Decimal	40398
CIELab	60.40, -16.84, -34.65
CIELCh	60, 38.531, 244.076
Yxy	28.5702, 0.2027, 0.2496
Android (android.graphics.Color)	4278230478 (0xFF009DCE)
YUV	115.6430, 44.5460, -101.4189
Hunter-Lab	53.4511, -16.0711, -32.1163

Details

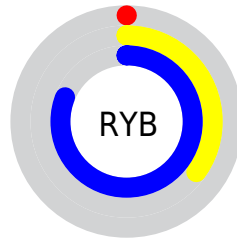
The YUV color **115.6430, 44.5460, -101.4189** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **90.3570, -44.5460, 101.4189**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7130, 35.1445, -72.5393**, and **79.4360, 35.2811, -69.6654** is the 20% darker color. If you saturate the color by 10%, you get **115.6430, 44.5460, -101.4189**, and if you desaturate by 10%, it is **124.8570, 40.0035, -91.0826**.

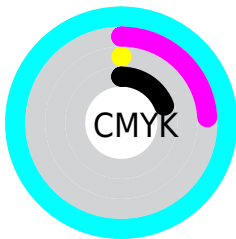
Distribution



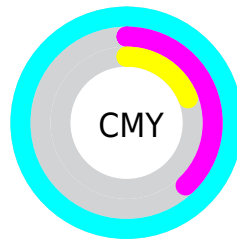
- Red (0%)
- Green (62%)
- Blue (81%)



- Red (0%)
- Yellow (35%)
- Blue (81%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6430, 44.5460, -101.4189 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 115.6430, 44.5460, -101.4189 by changing the saturation by 10% instead.

■ 115.6430, 44.5460,
-101.4189

■ 115.6430, 44.5460,
-101.4189

■ 255.0000, 0.0000,
0.0000

■ 97.1890, 39.8398,
-85.2348

■ 183.7130, 35.1445,
-72.5393

■ 79.4360, 35.2811,
-69.6654

■ 209.7170, 22.3245,
-67.2808

■ 61.7970, 31.1591,
-54.1960

■ 227.7910, 13.4140,
-55.9447

■ 45.4460, 26.8951,
-39.8561

■ 237.0600, 8.8444,
-36.8866

■ 30.3830, 22.4892,
-26.6459

■ 246.3290, 4.2748,
-17.8285

■ 10.1510, 21.1246,
-8.9024

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 115.6430, 44.5460,
-101.4189

■ 124.8570, 40.0035,
-91.0826

■ 133.7720, 35.6084,
-81.3610

■ 142.9860, 31.0659,
-71.0247

■ 151.9010, 26.6708,
-61.3032

■ 160.5280, 22.4177,
-50.4521

■ 169.7420, 17.8752,
-40.1157

■ 178.6570, 13.4801,
-30.3942

■ 187.8710, 8.9376,
-20.0579

■ 196.7860, 4.5425,
-10.3363

Harmonies

Analogous

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



115.9560, 33.0527, -101.6934



115.6430, 44.5460, -101.4189



141.0580, 35.4674, -36.0079

Triad

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



115.6430, 44.5460, -101.4189



147.9450, -2.9309, 53.5452



138.9900, -25.1381, -10.5152

Complementary

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



115.6430, 44.5460, -101.4189



90.3570, -44.5460, 101.4189

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.



142.6300, -32.3556, 17.8645



115.6430, 44.5460, -101.4189



146.2320, -18.3554, 54.1705

Square

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



115.6430, 44.5460, -101.4189



149.6730, 12.9792, 37.1208



144.8700, -29.5159, 40.4560



132.7330, -8.7424, -42.7388

Rectangle

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



115.6430, 44.5460, -101.4189



146.8660, 30.1391, -6.8985



144.8700, -29.5159, 40.4560



140.1330, -28.6596, -0.9936

Sweetspot

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



115.6430, 44.5460, -101.4189



221.7100, 16.4120, -37.4567



126.3940, -38.6482, -110.8475



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



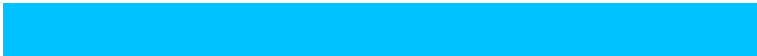
128.0000, 0.0000, 0.0000

Same Dimension

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



115.6430, 44.5460, -101.4189



142.9480, 55.2416, -125.3654



55.7690, 74.0639, -48.9094



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610



21.3550, 8.2060, -18.7283

Inverse Universe

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



79.4920, 38.2114, 110.9475



98.3610, 47.1500, 137.3724



150.2310, -74.0639, 48.9094



95.9020, 2.0203, 5.3479



63.9980, 30.5670, 89.4558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 115.6430, 44.5460, -101.4189 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 115.6430, 44.5460, -101.4189 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 115.6430, 44.5460, -101.4189 Background



This preview shows how black text looks on a background with the YUV color 115.6430, 44.5460, -101.4189.

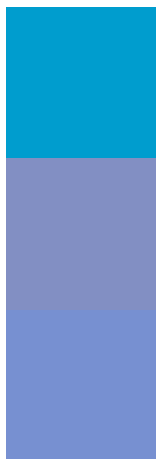


This preview shows how white text looks on a background with the YUV color 115.6430, 44.5460, -101.4189.

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

115.6430, 44.5460, -101.4189

Protanopia

145.0410, 24.6298, -13.1910

Deuteranopia

143.9350, 32.0770, -21.8680



Tritanopia

114.2290, 28.9741, -100.1788

Trichromacy



Original Color

115.6430, 44.5460, -101.4189

Protanomaly

134.3790, 31.8582, -45.0594

Deuteranomaly

133.8990, 36.5318, -50.7774

Tritanomaly

115.0100, 34.5051, -100.8638

Monochromacy



Original Color

115.6430, 44.5460, -101.4189

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0090, 16.2646, -36.8419

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6430, 44.5460, -101.4189 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(0, 157, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 206)  
}
```

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(0, 157, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 206) }
```

Border

The CSS property to change the border of an element to YUV 115.6430, 44.5460, -101.4189 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(0, 157, 206) }
```


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

```
.border{ border-color:rgb(0, 157, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 115.6430, 44.5460, -101.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 206) }
```

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

```
.background{ background-color: rgb(0, 157,  
206) }
```

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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