

Converting Colors

YUV(107.8510, 42.4715,
-89.3233)

Have a look what the booklet for
YUV(107.8510, 42.4715, -89.3233)
contains.

YUV(107.8510, 42.4715, -89.3233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.8510, 42.4715,
-89.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	068FC2
RGB	6, 143, 194
RGB Percent	2%, 56%, 76%
CMY	0.9765, 0.4392, 0.2392
CMYK	0.97, 0.26, 0.00, 0.24
HSL	196°, 94%, 39%
HSV	196°, 97%, 76%
XYZ	19.6352, 23.5787, 54.5552
YIQ	107.8510, -98.0230, -13.1830

Conversions

Conversions Part 2

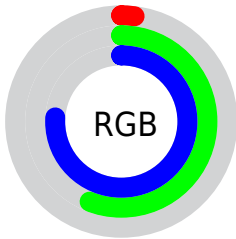
Format	Color
R _Y B	6, 85, 194
Decimal	430018
CIE Lab	55.66, -13.32, -35.29
CIE LCh	56, 37.722, 249.325
Yxy	23.5787, 0.2008, 0.2412
Android (android.graphics.Color)	4278620098 (0xFF068FC2)
YUV	107.8510, 42.4715, -89.3233
Hunter-Lab	48.5579, -12.7969, -32.6223

Details

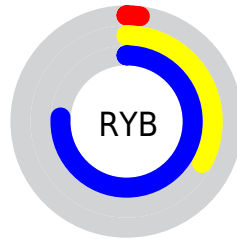
The YUV color **107.8510, 42.4715, -89.3233** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **92.1490, -42.4715, 89.3233**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5550, 38.1804, -66.2617**, and **70.5510, 34.2384, -61.8732** is the 20% darker color. If you saturate the color by 10%, you get **104.8830, 43.9347, -91.9824**, and if you desaturate by 10%, it is **116.4670, 38.2238, -80.2166**.

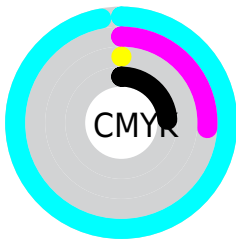
Distribution



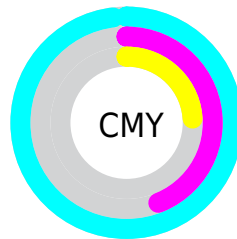
- Red (2%)
- Green (56%)
- Blue (76%)



- Red (2%)
- Yellow (33%)
- Blue (76%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8510, 42.4715, -89.3233 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 107.8510, 42.4715, -89.3233 by changing the saturation by 10% instead.

■ 107.8510, 42.4715,
-89.3233

■ 107.8510, 42.4715,
-89.3233

■ 255.0000, 0.0000,
0.0000

■ 87.7170, 39.0865,
-76.9278

■ 173.5550, 38.1804,
-66.2617

■ 70.5510, 34.2384,
-61.8732

■ 200.0150, 27.1076,
-61.4032

■ 53.4990, 29.8270,
-46.9186

■ 225.4210, 14.5824,
-57.3742

■ 37.8490, 25.7104,
-33.1936

■ 235.5650, 9.5815,
-39.9605

■ 23.9600, 20.7257,
-21.0129

■ 244.8340, 5.0118,
-20.9024

■ 6.6630, 17.9141,
-5.8435

■ 253.8040, 0.5896,

■ 3.0950, 9.3202,

-2.4591

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 107.8510, 42.4715,
-89.3233

■ 107.8510, 42.4715,
-89.3233

■ 104.8830, 43.9347,
-91.9824

■ 116.4670, 38.2238,
-80.2166

■ 125.9690, 33.5393,
-71.0098

■ 134.5850, 29.2916,
-61.9030

■ 143.5000, 24.8965,
-52.1815

■ 152.1160, 20.6488,
-43.0747

■ 161.3190, 16.1117,
-34.4828

■ 170.2340, 11.7166,
-24.7612

■ 178.8500, 7.4690,
-15.6544

■ 187.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



107.2990, 32.8836, -94.1012



107.8510, 42.4715, -89.3233



130.2440, 33.4037, -27.4010

Triad

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



107.8510, 42.4715, -89.3233



135.5490, -5.6937, 53.0155



125.4670, -21.9222, -15.3186

Complementary

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



107.8510, 42.4715, -89.3233



92.1490, -42.4715, 89.3233

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.



129.9390, -31.0289, 12.3315



107.8510, 42.4715, -89.3233



133.4550, -19.9443, 50.4670

Square

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



107.8510, 42.4715, -89.3233



136.8860, 9.9162, 39.5650



131.8370, -29.4996, 35.2230



119.0250, -4.9423, -48.2569

Rectangle

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



107.8510, 42.4715, -89.3233



135.4000, 26.9178, -0.3508



131.8370, -29.4996, 35.2230



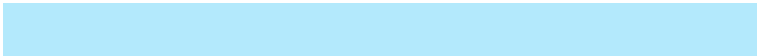
127.4960, -25.8805, -5.6970

Sweetspot

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



107.8510, 42.4715, -89.3233



219.0200, 16.2591, -35.0975



122.0560, -32.5656, -101.7811



106.9140, 10.3954, -20.9726



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.



107.8510, 42.4715, -89.3233



136.7360, 56.8252, -119.9175



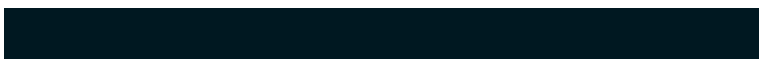
53.2600, 69.3848, -41.4470



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544

Inverse Universe

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



77.8300, 32.1288, 101.8811



96.3240, 43.2243, 136.5279



146.7400, -69.3848, 41.4470



90.7880, 1.5835, 5.4479



61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 107.8510, 42.4715, -89.3233 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 107.8510, 42.4715, -89.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

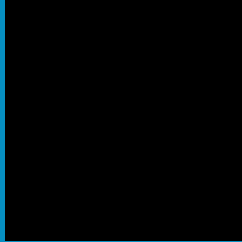
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.8510, 42.4715, -89.3233

Background



This preview shows how black text looks on a background with the YUV color 107.8510, 42.4715, -89.3233.

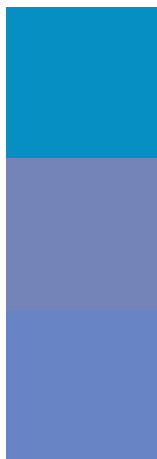


This preview shows how white text looks on a background with the YUV color 107.8510, 42.4715, -89.3233.

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

107.8510, 42.4715, -89.3233

Protanopia

132.5570, 25.3614, -14.5205

Deuteranopia

131.3370, 32.3719, -23.0975



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

107.8510, 42.4715, -89.3233

Protanomaly

123.4010, 31.8473, -41.5707

Deuteranomaly

122.8070, 36.0841, -47.1887

Tritanomaly

105.9080, 32.5834, -91.1273

Monochromacy



Original Color

107.8510, 42.4715, -89.3233

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1020, 15.2327, -32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8510, 42.4715, -89.3233 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, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(6, 143, 194)  
}
```

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, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 143, 194) }
```

Border

The CSS property to change the border of an element to YUV 107.8510, 42.4715, -89.3233 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, 143, 194) }
```


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

```
.border{ border-color:rgb(6, 143, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 143, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(6, 143,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 107.8510, 42.4715, -89.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 143, 194) }
```

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

```
.background{ background-color: rgb(6, 143,  
194) }
```

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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