

Converting Colors

YUV(110.7200, 44.5080,
-89.2084)

Have a look what the booklet for
YUV(110.7200, 44.5080, -89.2084)
contains.

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Color

**YUV(110.7200, 44.5080,
-89.2084)**

Conversions

Conversions Part 1

Format	Color
Hex	0991C9
RGB	9, 145, 201
RGB Percent	4%, 57%, 79%
CMY	0.9647, 0.4314, 0.2118
CMYK	0.96, 0.28, 0.00, 0.21
HSL	198°, 91%, 41%
HSV	198°, 96%, 79%
XYZ	20.7807, 24.5259, 58.8971
YIQ	110.7200, -99.0320, -11.4160

Conversions

Conversions Part 2

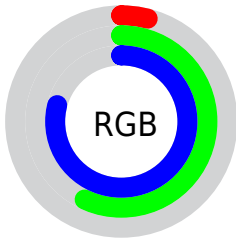
Format	Color
R_{YB}	9, 89, 201
Decimal	627145
CIE _{Lab}	56.61, -11.76, -37.77
CIE _{LCh}	57, 39.556, 252.703
Yxy	24.5259, 0.1994, 0.2354
Android (android.graphics.Color)	4278817225 (0xFF0991C9)
YUV	110.7200, 44.5080, -89.2084
Hunter-Lab	49.5237, -11.7658, -35.8453

Details

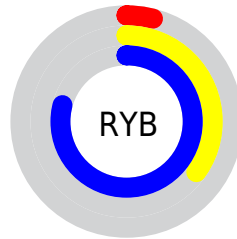
The YUV color **110.7200, 44.5080, -89.2084** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **99.2800, -44.5080, 89.2084**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7830, 39.0540, -66.4617**, and **72.5230, 36.7172, -63.6027** is the 20% darker color. If you saturate the color by 10%, you get **106.2680, 46.7029, -93.1970**, and if you desaturate by 10%, it is **120.2220, 39.8236, -80.0017**.

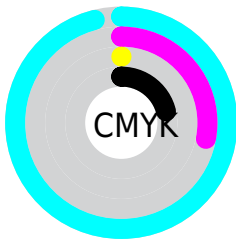
Distribution



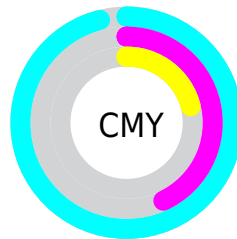
- Red (4%)
- Green (57%)
- Blue (79%)



- Red (4%)
- Yellow (35%)
- Blue (79%)



- Cyan (96%)
- Magenta (28%)
- Yellow (0%)
- Black (21%)



- Cyan (96%)
- Magenta (43%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7200, 44.5080, -89.2084 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 110.7200, 44.5080, -89.2084 by changing the saturation by 10% instead.

■ 110.7200, 44.5080,
-89.2084

■ 110.7200, 44.5080,
-89.2084

■ 255.0000, 0.0000,
0.0000

■ 89.5750, 41.1285,
-78.5573

■ 175.7830, 39.0540,
-66.4617

■ 72.5230, 36.7172,
-63.6027

■ 201.7870, 26.2340,
-61.2032

■ 55.4710, 32.3058,
-48.6481

■ 227.4920, 13.5614,
-56.5595

■ 39.7070, 27.7524,
-34.8230

■ 236.4620, 9.1392,
-38.1162

■ 25.1170, 22.6203,
-22.0276

■ 245.7310, 4.5696,
-19.0581

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 110.7200, 44.5080,
-89.2084

■ 110.7200, 44.5080,
-89.2084

■ 106.2680, 46.7029,
-93.1970

■ 120.2220, 39.8236,
-80.0017

■ 129.7240, 35.1391,
-70.7949

■ 139.2260, 30.4546,
-61.5882

■ 148.1410, 26.0595,
-51.8667

■ 157.9420, 21.2276,
-42.0451

■ 167.4440, 16.5431,
-32.8384

■ 176.9460, 11.8586,
-23.6316

■ 186.4480, 7.1741,
-14.4249

■ 195.9500, 2.4897,
-5.2181

Harmonies

Analogous

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



109.3850, 35.7992, -95.9306



110.7200, 44.5080, -89.2084



133.4940, 34.2665, -24.1122

Triad

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



110.7200, 44.5080, -89.2084



137.4030, -7.5937, 55.7746



127.2600, -21.3272, -19.5220

Complementary

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



110.7200, 44.5080, -89.2084



99.2800, -44.5080, 89.2084

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.



131.9880, -32.0391, 9.6575



110.7200, 44.5080, -89.2084



136.1840, -22.2757, 51.5816

Square

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



110.7200, 44.5080, -89.2084



139.2780, 8.7369, 44.4832



134.5550, -31.8256, 34.5933



118.6650, -2.2998, -55.8342

Rectangle

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



110.7200, 44.5080, -89.2084



138.8350, 27.1963, 3.6527



134.5550, -31.8256, 34.5933



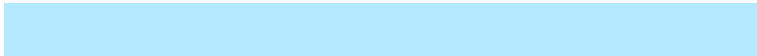
129.0610, -26.1591, -9.7005

Sweetspot

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



110.7200, 44.5080, -89.2084



219.9600, 17.2747, -34.1679



127.8600, -31.9760, -104.2402



106.3270, 10.6848, -20.4578



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.



110.7200, 44.5080, -89.2084



135.3170, 59.0037, -118.6730



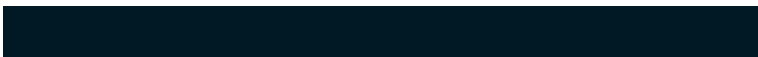
55.5420, 71.7108, -40.8173



95.1350, 1.9054, -4.5034



86.6740, 37.6287, -76.0131



18.7790, 8.4900, -16.4692

Inverse Universe

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



81.9120, 31.1024, 104.4402



96.8790, 41.4717, 138.6721



154.4580, -71.7108, 40.8173



93.4890, 1.7309, 4.8331



61.9610, 26.6412, 88.6112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 110.7200, 44.5080, -89.2084 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 110.7200, 44.5080, -89.2084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

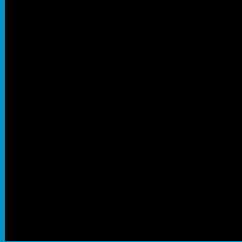
Any Text WCAG AA ✓ Pass

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 110.7200, 44.5080, -89.2084 Background



This preview shows how black text looks on a background with the YUV color 110.7200, 44.5080, -89.2084.

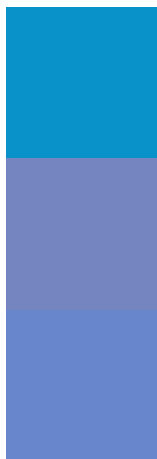


This preview shows how white text looks on a background with the YUV color 110.7200, 44.5080, -89.2084.

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

110.7200, 44.5080, -89.2084

Protanopia

134.8280, 27.6928, -15.6352

Deuteranopia

132.7110, 35.1455, -26.0565



Tritanopia

106.4040, 26.9158, -93.3163

Trichromacy



Original Color

110.7200, 44.5080, -89.2084

Protanomaly

125.9710, 34.0313, -42.0706

Deuteranomaly

124.7790, 38.5630, -48.9182

Tritanomaly

107.8370, 33.6044, -91.9420

Monochromacy



Original Color

110.7200, 44.5080, -89.2084

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7430, 16.3957, -32.2236

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7200, 44.5080, -89.2084 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(9, 145, 201)` looks like.

```
.text, #text, p{  
    color:rgb(9, 145, 201)  
}
```

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(9, 145, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 145, 201) }
```

Border

The CSS property to change the border of an element to YUV 110.7200, 44.5080, -89.2084 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(9, 145, 201) }
```


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

```
.border{ border-color:rgb(9, 145, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 145, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 145, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 145, 201);  
box-shadow:4px 4px 4px 4px rgb(9, 145,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 110.7200, 44.5080, -89.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 145, 201) }
```

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

```
.background{ background-color: rgb(9, 145,  
201) }
```

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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