

Converting Colors

YUV(109.7820, 57.2955,
-84.0008)

Have a look what the booklet for
YUV(109.7820, 57.2955, -84.0008)
contains.

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Color

**YUV(109.7820, 57.2955,
-84.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	0E88E2
RGB	14, 136, 226
RGB Percent	5%, 53%, 89%
CMY	0.9451, 0.4667, 0.1137
CMYK	0.94, 0.40, 0.00, 0.11
HSL	205°, 88%, 47%
HSV	205°, 94%, 89%
XYZ	22.7127, 23.1927, 75.2310
YIQ	109.7820, -101.6020, 2.1260

Conversions

Conversions Part 2

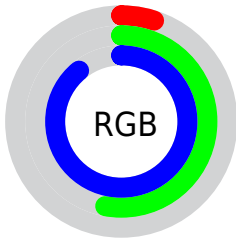
Format	Color
R_{YB}	14, 91, 226
Decimal	952546
CIE _{Lab}	55.27, 3.08, -53.93
CIE _{LCh}	55, 54.019, 273.264
Yxy	23.1927, 0.1875, 0.1915
Android (android.graphics.Color)	4279142626 (0xFF0E88E2)
YUV	109.7820, 57.2955, -84.0008
Hunter-Lab	48.1588, -0.0933, -58.9085

Details

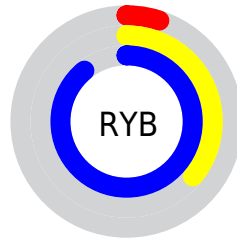
The YUV color **109.7820, 57.2955, -84.0008** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **130.2180, -57.2955, 84.0008**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0060, 40.9160, -57.0103**, and **70.4490, 49.0786, -61.7838** is the 20% darker color. If you saturate the color by 10%, you get **102.0740, 61.0955, -89.5189**, and if you desaturate by 10%, it is **122.5290, 51.0112, -75.0089**.

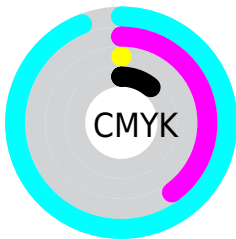
Distribution



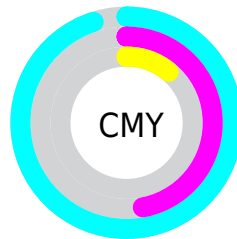
- Red (5%)
- Green (53%)
- Blue (89%)



- Red (5%)
- Yellow (36%)
- Blue (89%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7820, 57.2955, -84.0008 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 109.7820, 57.2955, -84.0008 by changing the saturation by 10% instead.

■ 109.7820, 57.2955,
-84.0008

■ 109.7820, 57.2955,
-84.0008

■ 255.0000, 0.0000,
0.0000

■ 87.7290, 54.3636,
-76.9383

■ 172.0060, 40.9160,
-57.0103

■ 70.4490, 49.0786,
-61.7838

■ 197.7220, 28.2381,
-50.6222

■ 53.8700, 43.9411,
-47.2440

■ 224.0140, 15.2761,
-46.4933

■ 38.5790, 38.6616,
-33.8338

■ 239.1530, 7.8126,
-32.5832

■ 24.5760, 33.2400,
-21.5532

■ 248.4220, 3.2430,
-13.5251

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 109.7820, 57.2955,
-84.0008

■ 109.7820, 57.2955,
-84.0008

■ 102.0740, 61.0955,
-89.5189

■ 122.5290, 51.0112,
-75.0089

■ 134.3900, 45.1637,
-66.1170

■ 147.1370, 38.8795,
-57.1251

■ 158.9980, 33.0320,
-48.2332

■ 171.7450, 26.7477,
-39.2414

■ 184.4920, 20.4634,
-30.2495

■ 196.3530, 14.6160,
-21.3576

■ 209.1000, 8.3317,
-12.3657

■ 220.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



111.5000, 51.5185, -97.7855



109.7820, 57.2955, -84.0008



135.1800, 37.3793, 4.2271

Triad

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



109.7820, 57.2955, -84.0008



129.6150, -22.4882, 73.1286



104.9370, -8.3499, -75.3667

Complementary

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



109.7820, 57.2955, -84.0008



130.2180, -57.2955, 84.0008

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.



121.0960, -36.0363, -14.9932



109.7820, 57.2955, -84.0008



129.0860, -40.4684, 53.4216

Square

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



109.7820, 57.2955, -84.0008



130.9460, -0.9594, 74.5924



126.1240, -48.3751, 22.6933



106.4890, 14.5489, -93.3909

Rectangle

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



109.7820, 57.2955, -84.0008



136.1150, 26.0723, 37.6101



126.1240, -48.3751, 22.6933



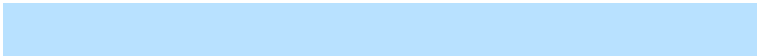
114.6110, -20.5142, -47.0168

Sweetspot

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



109.7820, 57.2955, -84.0008



216.1610, 19.1476, -28.2052



148.4760, -22.9127, -117.9355



103.6910, 11.9843, -17.2690



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.



109.7820, 57.2955, -84.0008



115.3590, 68.8430, -101.1698



48.7340, 87.3921, -30.4617



105.7760, 3.0684, -4.1886



79.3510, 47.6480, -69.5908



21.9080, 12.8634, -19.2133

Inverse Universe

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



91.2960, 22.0391, 118.1354



93.0030, 26.6205, 142.0714



191.2660, -87.3921, 30.4617



104.9730, 0.9993, 6.1627



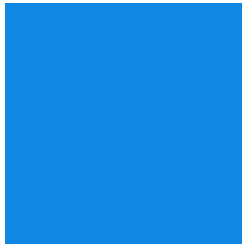
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 109.7820, 57.2955, -84.0008 looks on a white background.

Color Contrast Check

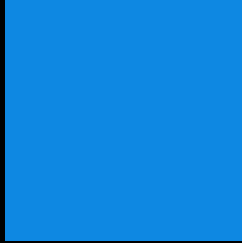
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.7820, 57.2955, -84.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

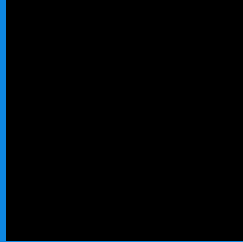
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.7820, 57.2955, -84.0008

Background



This preview shows how black text looks on a background with the YUV color 109.7820, 57.2955, -84.0008.



This preview shows how white text looks on a background with the YUV color 109.7820, 57.2955, -84.0008.

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

109.7820, 57.2955, -84.0008

Protanopia

128.7950, 44.4711, -30.5152

Deuteranopia

121.2910, 52.1145, -55.5062

Trichromacy



Original Color

109.7820, 57.2955, -84.0008

Protanomaly

122.2270, 49.1881, -50.1881

Deuteranomaly

117.0940, 54.1837, -65.8574

Monochromacy



Original Color

109.7820, 57.2955, -84.0008

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6060, 20.9002, -30.3495

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7820, 57.2955, -84.0008 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(14, 136, 226)` looks like.

```
.text, #text, p{  
    color:rgb(14, 136, 226)  
}
```

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(14, 136, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 136, 226) }
```

Border

The CSS property to change the border of an element to YUV 109.7820, 57.2955, -84.0008 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(14, 136, 226) }
```

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

```
.border{ border-color:rgb(14, 136, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 136, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 136, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 136, 226);  
box-shadow:4px 4px 4px 4px rgb(14, 136,  
226) }
```


Background

The CSS property to change the background color of an element to YUV 109.7820, 57.2955, -84.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 136, 226) }
```

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

```
.background{ background-color: rgb(14, 136,  
226) }
```

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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