

Converting Colors

YUV(191.6600, 11.9996,
-68.9848)

Have a look what the booklet for
YUV(191.6600, 11.9996, -68.9848)
contains.

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Color

**YUV(191.6600, 11.9996,
-68.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	71E3D8
RGB	113, 227, 216
RGB Percent	44%, 89%, 85%
CMY	0.5569, 0.1098, 0.1529
CMYK	0.50, 0.00, 0.05, 0.11
HSL	174°, 67%, 67%
HSV	174°, 50%, 89%
XYZ	46.6738, 63.4067, 74.7445
YIQ	191.6600, -64.4130, -27.5890

Conversions

Conversions Part 2

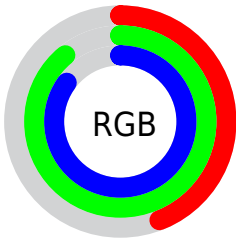
Format	Color
RYB	113, 173, 227
Decimal	7463896
CIELab	83.66, -35.08, -4.61
CIELCh	84, 35.382, 187.484
Yxy	63.4067, 0.2525, 0.3431
Android (android.graphics.Color)	4285653976 (0xFF71E3D8)
YUV	191.6600, 11.9996, -68.9848
Hunter-Lab	79.6284, -34.7226, 0.0863

Details

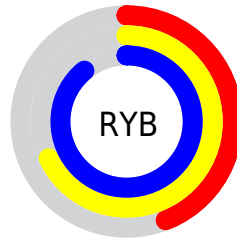
The YUV color **191.6600, 11.9996, -68.9848** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **148.3400, -11.9996, 68.9848**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, 12.2348, -51.0265**, and **133.0830, 13.7631, -74.6178** is the 20% darker color. If you saturate the color by 10%, you get **184.5550, 14.5164, -82.9247**, and if you desaturate by 10%, it is **198.7650, 9.4829, -55.0449**.

Distribution



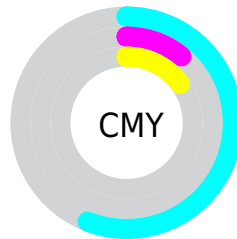
- Red (44%)
- Green (89%)
- Blue (85%)



- Red (44%)
- Yellow (68%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6600, 11.9996, -68.9848 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 191.6600, 11.9996, -68.9848 by changing the saturation by 10% instead.

■ 191.6600, 11.9996,
-68.9848

■ 191.6600, 11.9996,
-68.9848

255.0000, 0.0000,
0.0000

■ 162.7630, 12.4418,
-70.8292

■ 230.1830, 12.2348,
-51.0265

■ 133.0830, 13.7631,
-74.6178

■ 239.1530, 7.8126,
-32.5832

■ 99.9180, 17.2954,
-87.6281

■ 248.1230, 3.3904,
-14.1399

■ 81.8060, 13.8996,
-71.7439

■ 64.3950, 10.6513,
-56.4744

■ 47.5710, 7.1135,
-41.7198

■ 31.0890, 4.8861,

-27.2651

■ 15.1940, 2.3694,
-13.3251

■ 0.0000, 0.0000,
0.0000

■ 191.6600, 11.9996,
-68.9848

■ 191.6600, 11.9996,
-68.9848

■ 184.5550, 14.5164,
-82.9247

■ 198.7650, 9.4829,
-55.0449

■ 177.7490, 16.8857,
-96.2499

■ 205.5710, 7.1135,
-41.7198

■ 170.5300, 18.9657,
-110.0898

■ 212.7900, 5.0335,
-27.8798

■ 163.4250, 21.4825,
-124.0297

■ 219.8950, 2.5168,
-13.9399

■ 156.6190, 23.8518,
-137.3549

■ 227.0000, 0.0000,
0.0000

■ 233.8060, -2.3694,
13.3251

■ 235.8280, -2.3802,
16.8138

■ 236.1700, -1.0698,
16.5139

■ 236.3980, -0.1962,
16.3140

Harmonies

Analogous

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



197.0750, -7.4320, -43.0388



191.6600, 11.9996, -68.9848



190.5460, 28.3248, -78.5318

Triad

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



191.6600, 11.9996, -68.9848



211.6850, 21.3543, 10.8003



208.7450, -29.9473, 38.8116

Complementary

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



191.6600, 11.9996, -68.9848



148.3400, -11.9996, 68.9848

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.



205.9810, -17.7386, 42.9897



191.6600, 11.9996, -68.9848



212.8040, 10.9426, 37.0059

Square

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



191.6600, 11.9996, -68.9848



204.6760, 24.8097, -24.2719



207.1670, -3.0403, 41.9495



205.8470, -31.4766, 15.9202

Rectangle

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



191.6600, 11.9996, -68.9848



193.4810, 30.3289, -67.9508



207.1670, -3.0403, 41.9495



207.5650, -26.9005, 41.6005

Sweetspot

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



191.6600, 11.9996, -68.9848



243.1820, 3.8543, -22.9616



183.2070, -34.6121, -51.9245



120.7810, 2.0800, -13.8399



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.



191.6600, 11.9996, -68.9848



207.5430, 16.0013, -92.5612



165.9120, 30.1164, -46.4038



111.2980, 1.3321, -7.2773



123.4270, 18.5235, -108.2455



35.1810, 5.3338, -30.8537

Inverse Universe

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



148.3400, -11.9996, 68.9848



149.4570, -16.0013, 92.5612



174.0880, -30.1164, 46.4038



106.7020, -1.3321, 7.2773



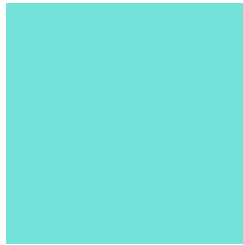
55.4590, -18.9603, 108.3455



15.8190, -5.3338, 30.8537

Previews

White Background



This preview shows how the YUV color 191.6600, 11.9996, -68.9848 looks on a white background.

Color Contrast Check

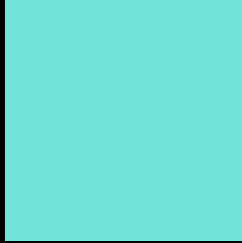
Large Text (above 18pt) WCAG AA × Fail

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 191.6600, 11.9996, -68.9848 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

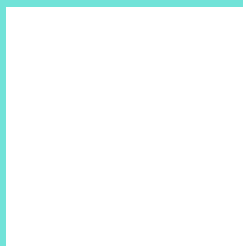
Any Text WCAG AAA ✓ Pass

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

YUV 191.6600, 11.9996, -68.9848 Background



This preview shows how black text looks on a background with the YUV color 191.6600, 11.9996, -68.9848.



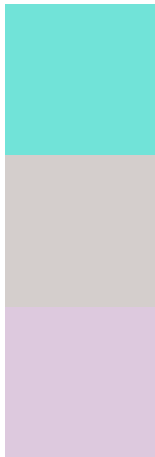
This preview shows how white text looks on a background with the YUV color 191.6600, 11.9996, -68.9848.

-68.9848.

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

191.6600, 11.9996, -68.9848

Protanopia

207.5660, -1.7580, 3.8886

Deuteranopia

209.3740, 6.2246, 10.1960



Tritanopia

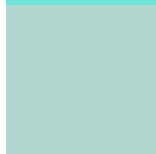
194.5540, 22.8979, -64.5069

Trichromacy



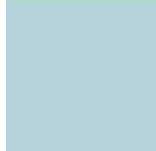
Original Color

191.6600, 11.9996, -68.9848



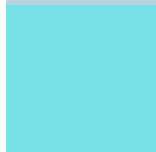
Protanomaly

201.9540, 2.9807, -22.7617



Deuteranomaly

202.7680, 8.4954, -18.2135



Tritanomaly

193.2180, 19.1195, -65.9662

Monochromacy



Original Color

191.6600, 11.9996, -68.9848



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.9860, 4.4439, -25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6600, 11.9996, -68.9848 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(113, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 216)  
}
```

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(113, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 216) }
```

Border

The CSS property to change the border of an element to YUV 191.6600, 11.9996, -68.9848 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(113, 227, 216) }
```


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

```
.border{ border-color:rgb(113, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(113, 227,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 191.6600, 11.9996, -68.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 216) }
```

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

```
.background{ background-color: rgb(113,  
227, 216) }
```

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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