

Converting Colors

YUV(189.4320, 11.1260,
-68.7849)

Have a look what the booklet for
YUV(189.4320, 11.1260, -68.7849)
contains.

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Color

**YUV(189.4320, 11.1260,
-68.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	6FE1D4
RGB	111, 225, 212
RGB Percent	44%, 88%, 83%
CMY	0.5647, 0.1176, 0.1686
CMYK	0.51, 0.00, 0.06, 0.12
HSL	173°, 66%, 66%
HSV	173°, 51%, 88%
XYZ	45.3644, 61.9834, 71.8604
YIQ	189.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

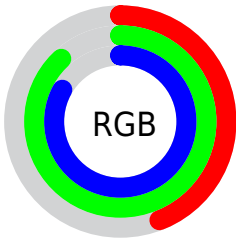
Format	Color
RYB	111, 171, 225
Decimal	7332308
CIELab	82.90, -35.57, -3.60
CIELCh	83, 35.748, 185.787
Yxy	61.9834, 0.2531, 0.3459
Android (android.graphics.Color)	4285522388 (0xFF6FE1D4)
YUV	189.4320, 11.1260, -68.7849
Hunter-Lab	78.7295, -34.9239, 0.9937

Details

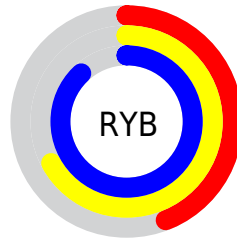
The YUV color **189.4320, 11.1260, -68.7849** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.5680, -11.1260, 68.7849**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **130.9690, 13.3263, -74.5178** is the 20% darker color. If you saturate the color by 10%, you get **182.5120, 13.0586, -82.0100**, and if you desaturate by 10%, it is **196.6510, 9.0461, -54.9449**.

Distribution



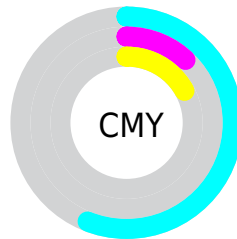
- Red (44%)
- Green (88%)
- Blue (83%)



- Red (44%)
- Yellow (67%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4320, 11.1260, -68.7849 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 189.4320, 11.1260, -68.7849 by changing the saturation by 10% instead.

■ 189.4320, 11.1260,
-68.7849

■ 189.4320, 11.1260,
-68.7849

255.0000, 0.0000,
0.0000

■ 160.5350, 11.5682,
-70.6292

■ 229.5850, 12.5296,
-52.2560

■ 130.9690, 13.3263,
-74.5178

■ 238.5550, 8.1074,
-33.8127

■ 98.2880, 16.1270,
-86.1986

■ 247.2260, 3.8326,
-15.9842

■ 80.1760, 12.7312,
-70.3144

■ 62.7650, 9.4829,
-55.0449

■ 46.0550, 6.3819,
-40.3902

■ 30.1600, 3.8651,

-26.4503

■ 13.0910, 1.9271,
-11.4808

■ 0.0000, 0.0000,
0.0000

■ 189.4320, 11.1260,
-68.7849

■ 189.4320, 11.1260,
-68.7849

■ 182.5120, 13.0586,
-82.0100

■ 196.6510, 9.0461,
-54.9449

■ 175.4070, 15.5753,
-95.9499

■ 203.4570, 6.6767,
-41.6198

■ 168.4870, 17.5079,
-109.1751

■ 210.6760, 4.5967,
-27.7799

■ 161.3820, 20.0247,
-123.1150

■ 217.4820, 2.2274,
-14.4547

■ 154.7610, 21.8098,
-135.7254

■ 224.7010, 0.1474,
-0.6148

■ 231.5070, -2.2220,
12.7104

■ 234.5400, -2.2382,
17.9434

■ 234.8820, -0.9278,
17.6435

■ 235.1100, -0.0542,
17.4435

Harmonies

Analogous

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



195.4450, -8.6004, -41.6093



189.4320, 11.1260, -68.7849



187.5350, 28.3302, -80.2762

Triad

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



189.4320, 11.1260, -68.7849



209.3150, 22.5227, 9.3707



206.7560, -29.9527, 40.5560

Complementary

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



189.4320, 11.1260, -68.7849



146.5680, -11.1260, 68.7849

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.



204.1060, -17.3073, 44.6340



189.4320, 11.1260, -68.7849



211.6300, 11.5214, 38.0355

Square

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



189.4320, 11.1260, -68.7849



202.0070, 26.1255, -26.3161



205.4060, -2.1722, 43.4939



203.4450, -31.7714, 17.1497

Rectangle

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



189.4320, 11.1260, -68.7849



191.1000, 31.5027, -71.1247



205.4060, -2.1722, 43.4939



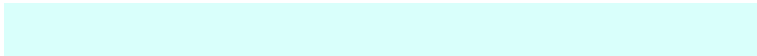
205.6900, -26.4692, 43.2449

Sweetspot

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



189.4320, 11.1260, -68.7849



243.1820, 3.8543, -22.9616



181.8050, -34.9069, -50.6950



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.



189.4320, 11.1260, -68.7849



206.3040, 15.1331, -94.1056



165.0860, 29.5376, -47.4334



108.5970, 1.1847, -6.6626



121.0960, 17.2077, -106.2012



33.0780, 4.8915, -29.0094

Inverse Universe

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



146.5680, -11.1260, 68.7849



147.6960, -15.1331, 94.1056



170.9140, -29.5376, 47.4334



104.4030, -1.1847, 6.6626



54.9040, -17.2077, 106.2012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 189.4320, 11.1260, -68.7849 looks on a white background.

Color Contrast Check

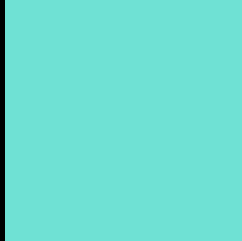
Large Text (above 18pt) WCAG AA × Fail

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 189.4320, 11.1260, -68.7849 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

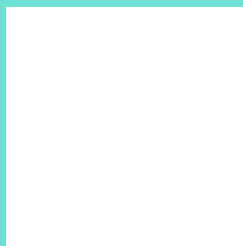
Any Text WCAG AAA ✓ Pass

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

YUV 189.4320, 11.1260, -68.7849 Background



This preview shows how black text looks on a background with the YUV color 189.4320, 11.1260, -68.7849.



This preview shows how white text looks on a background with the YUV color 189.4320, 11.1260, -68.7849.

-68.7849.

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

189.4320, 11.1260, -68.7849

Protanopia

205.3380, -2.6316, 4.0886

Deuteranopia

207.1460, 5.3510, 10.3960



Tritanopia

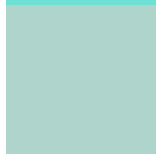
192.8530, 22.7505, -63.8921

Trichromacy



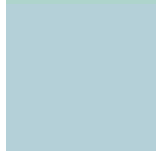
Original Color

189.4320, 11.1260, -68.7849



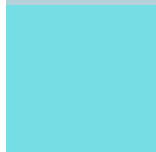
Protanomaly

199.7260, 2.1071, -22.5617



Deuteranomaly

200.5400, 7.6218, -18.0136



Tritanomaly

191.4030, 18.5353, -65.2514

Monochromacy



Original Color

189.4320, 11.1260, -68.7849



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.1710, 3.8597, -24.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4320, 11.1260, -68.7849 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(111, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(111, 225, 212)  
}
```

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(111, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 225, 212) }
```

Border

The CSS property to change the border of an element to YUV 189.4320, 11.1260, -68.7849 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(111, 225, 212) }
```


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

```
.border{ border-color:rgb(111, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(111, 225,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 189.4320, 11.1260, -68.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 225, 212) }
```

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

```
.background{ background-color: rgb(111,  
225, 212) }
```

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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