

Converting Colors

YUV(196.6320, 14.4784,
-70.7143)

Have a look what the booklet for
YUV(196.6320, 14.4784, -70.7143)
contains.

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Color

**YUV(196.6320, 14.4784,
-70.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	74E8E2
RGB	116, 232, 226
RGB Percent	45%, 91%, 89%
CMY	0.5451, 0.0902, 0.1137
CMYK	0.50, 0.00, 0.03, 0.09
HSL	177°, 72%, 68%
HSV	177°, 50%, 91%
XYZ	49.7865, 66.9172, 82.2438
YIQ	196.6320, -67.2100, -26.4580

Conversions

Conversions Part 2

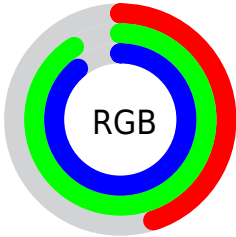
Format	Color
RYB	116, 176, 232
Decimal	7661794
CIELab	85.46, -34.28, -7.21
CIELCh	85, 35.034, 191.872
Yxy	66.9172, 0.2502, 0.3364
Android (android.graphics.Color)	4285851874 (0xFF74E8E2)
YUV	196.6320, 14.4784, -70.7143
Hunter-Lab	81.8029, -34.5173, -2.3475

Details

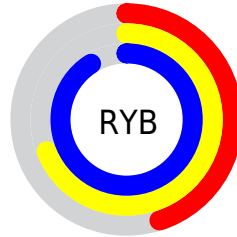
The YUV color **196.6320, 14.4784, -70.7143** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **151.3680, -14.4784, 70.7143**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **138.0550, 16.2419, -76.3472** is the 20% darker color. If you saturate the color by 10%, you get **189.6410, 17.4320, -84.7542**, and if you desaturate by 10%, it is **203.6230, 11.5249, -56.6744**.

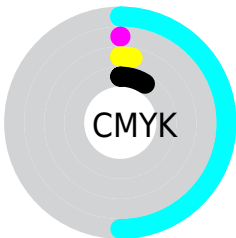
Distribution



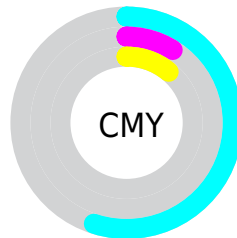
- Red (45%)
- Green (91%)
- Blue (89%)



- Red (45%)
- Yellow (69%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.6320, 14.4784, -70.7143 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 196.6320, 14.4784, -70.7143 by changing the saturation by 10% instead.

196.6320, 14.4784,
-70.7143

196.6320, 14.4784,
-70.7143

255.0000, 0.0000,
0.0000

167.7350, 14.9206,
-72.5586

231.0800, 11.7926,
-49.1822

138.0550, 16.2419,
-76.3472

240.0500, 7.3704,
-30.7388

103.8790, 19.7797,
-91.1019

249.0200, 2.9481,
-12.2955

85.7670, 16.3839,
-75.2177

67.6550, 12.9881,
-59.3334

50.8310, 9.4503,
-44.5788

34.2350, 6.7861,

-30.0241

■ 19.5140, 3.6906,
-17.1138

■ 0.0000, 0.0000,
0.0000

■ 196.6320, 14.4784,
-70.7143

■ 196.6320, 14.4784,
-70.7143

■ 189.6410, 17.4320,
-84.7542

■ 203.6230, 11.5249,
-56.6744

■ 182.6500, 20.3855,
-98.7940

■ 210.6140, 8.5713,
-42.6345

■ 175.2460, 23.0497,
-113.3487

■ 218.0180, 5.9071,
-28.0798

■ 168.2550, 26.0033,
-127.3886

■ 225.0090, 2.9536,
-14.0399

■ 161.2640, 28.9568,
-141.4285

■ 232.0000, 0.0000,
0.0000

■ 238.9910, -2.9536,
14.0399

■ 239.1050, -2.5168,
13.9399

■ 239.3330, -1.6432,
13.7400

■ 239.4470, -1.2064,
13.6400

Harmonies

Analogous

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



201.1500, -4.5110, -46.6126



196.6320, 14.4784, -70.7143



196.3830, 28.8982, -75.7579

Triad

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



196.6320, 14.4784, -70.7143



216.7350, 18.8646, 16.0184



213.7940, -30.9574, 36.1377

Complementary

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



196.6320, 14.4784, -70.7143



151.3680, -14.4784, 70.7143

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.



209.6170, -19.0382, 39.8009



196.6320, 14.4784, -70.7143



215.1520, 9.7851, 34.9467

Square

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



196.6320, 14.4784, -70.7143



210.3240, 22.0253, -17.8241



210.1020, -4.4873, 39.3755



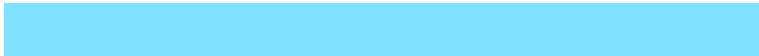
210.6400, -30.8815, 11.7167

Rectangle

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



196.6320, 14.4784, -70.7143



199.4170, 27.4024, -62.6327



210.1020, -4.4873, 39.3755



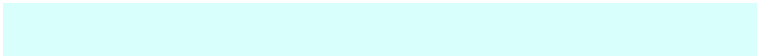
212.0160, -27.6159, 37.6970

Sweetspot

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



196.6320, 14.4784, -70.7143



243.4100, 4.7279, -23.1616



186.4840, -34.7486, -54.7985



120.8950, 2.5168, -13.9399



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.



196.6320, 14.4784, -70.7143



208.3410, 19.0589, -93.2611



167.9660, 31.5688, -45.5742



111.2980, 1.3321, -7.2773



124.3390, 22.0179, -109.0453



35.4090, 6.2074, -31.0537

Inverse Universe

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



151.3680, -14.4784, 70.7143



148.6590, -19.0589, 93.2611



180.0340, -31.5688, 45.5742



106.7020, -1.3321, 7.2773



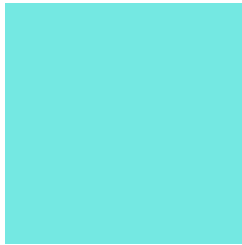
54.5470, -22.4547, 109.1453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 196.6320, 14.4784, -70.7143 looks on a white background.

Color Contrast Check

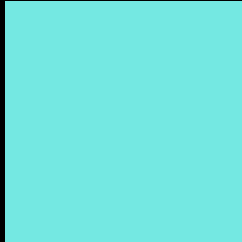
Large Text (above 18pt) WCAG AA × Fail

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 196.6320, 14.4784, -70.7143 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

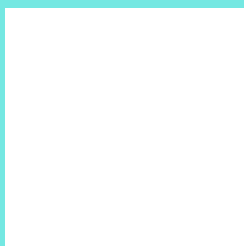
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.6320, 14.4784, -70.7143

Background



This preview shows how black text looks on a background with the YUV color 196.6320, 14.4784, -70.7143.



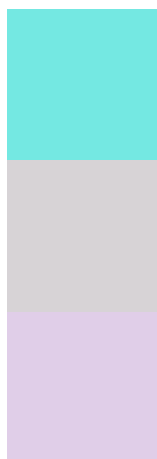
This preview shows how white text looks on a background with the YUV color 196.6320, 14.4784, -70.7143.

-70.7143.

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

196.6320, 14.4784, -70.7143

Protanopia

212.5380, 0.7208, 2.1592

Deuteranopia

214.3460, 8.7034, 8.4666



Tritanopia

199.3580, 23.4875, -66.9660

Trichromacy



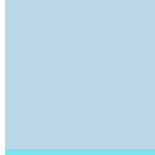
Original Color

196.6320, 14.4784, -70.7143



Protanomaly

206.9260, 5.4595, -24.4911



Deuteranomaly

207.7400, 10.9742, -19.9430



Tritanomaly

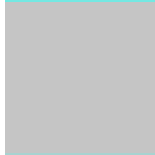
198.1360, 20.1460, -68.5253

Monochromacy



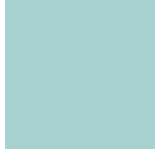
Original Color

196.6320, 14.4784, -70.7143



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.2140, 5.3175, -25.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.6320, 14.4784, -70.7143 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(116, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(116, 232, 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(116, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 232, 226) }
```

Border

The CSS property to change the border of an element to YUV 196.6320, 14.4784, -70.7143 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(116, 232, 226) }
```


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

```
.border{ border-color:rgb(116, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(116, 232,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 196.6320, 14.4784, -70.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 232, 226) }
```

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

```
.background{ background-color: rgb(116,  
232, 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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