

Converting Colors

YUV(185.1490, 13.7305,
-64.1517)

Have a look what the booklet for
YUV(185.1490, 13.7305, -64.1517)
contains.

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Color

**YUV(185.1490, 13.7305,
-64.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	70D9D5
RGB	112, 217, 213
RGB Percent	44%, 85%, 84%
CMY	0.5608, 0.1490, 0.1647
CMYK	0.48, 0.00, 0.02, 0.15
HSL	178°, 58%, 65%
HSV	178°, 48%, 85%
XYZ	43.5052, 57.8745, 71.8287
YIQ	185.1490, -61.2960, -23.5040

Conversions

Conversions Part 2

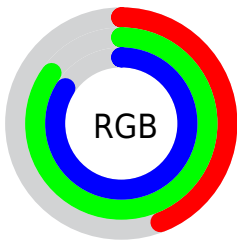
Format	Color
RYB	112, 166, 217
Decimal	7395797
CIELab	80.67, -31.34, -7.43
CIELCh	81, 32.212, 193.342
Yxy	57.8745, 0.2512, 0.3341
Android (android.graphics.Color)	4285585877 (0xFF70D9D5)
YUV	185.1490, 13.7305, -64.1517
Hunter-Lab	76.0753, -31.0530, -2.7277

Details

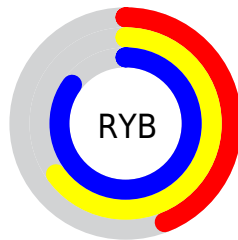
The YUV color **185.1490, 13.7305, -64.1517** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.8510, -13.7305, 64.1517**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **127.7570, 14.9098, -69.0699** is the 20% darker color. If you saturate the color by 10%, you get **178.4570, 16.5367, -77.5768**, and if you desaturate by 10%, it is **191.8410, 10.9244, -50.7266**.

Distribution



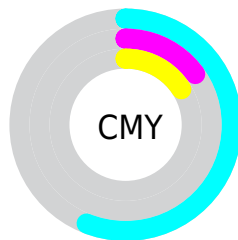
- Red (44%)
- Green (85%)
- Blue (84%)



- Red (44%)
- Yellow (65%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1490, 13.7305, -64.1517 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 185.1490, 13.7305, -64.1517 by changing the saturation by 10% instead.

■ 185.1490, 13.7305,
-64.1517

■ 185.1490, 13.7305,
-64.1517

255.0000, 0.0000,
0.0000

■ 156.5510, 14.0254,
-65.3812

■ 229.5850, 12.5296,
-52.2560

■ 127.7570, 14.9098,
-69.0699

■ 238.5550, 8.1074,
-33.8127

■ 94.2930, 18.5896,
-82.6950

■ 247.2260, 3.8326,
-15.9842

■ 76.1810, 15.1938,
-66.8107

■ 59.3570, 11.6560,
-52.0561

■ 42.6470, 8.5550,
-37.4014

■ 27.2250, 5.3121,

-23.8763

■ 4.9870, 6.4154,
-4.3736

■ 0.0000, 0.0000,
0.0000

■ 185.1490, 13.7305,
-64.1517

■ 185.1490, 13.7305,
-64.1517

■ 178.4570, 16.5367,
-77.5768

■ 191.8410, 10.9244,
-50.7266

■ 172.0640, 19.1954,
-90.3871

■ 198.2340, 8.2656,
-37.9162

■ 165.4860, 22.4384,
-103.9122

■ 204.8120, 5.0227,
-24.3911

■ 158.7940, 25.2446,
-117.3373

■ 211.5040, 2.2165,
-10.9660

■ 152.1020, 28.0507,
-130.7625

■ 217.8970, -0.4422,
1.8443

■ 151.2050, 28.4929,
-132.6068

■ 224.5890, -3.2484,
15.2694

■ 228.5900, -4.7279,
23.1616

■ 228.7040, -4.2911,
23.0616

Harmonies

Analogous

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



189.4000, -3.6482, -43.3238



185.1490, 13.7305, -64.1517



185.6830, 27.2713, -67.2510

Triad

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



185.1490, 13.7305, -64.1517



204.2510, 19.5963, 14.6889



200.4560, -28.3258, 32.0491

Complementary

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



185.1490, 13.7305, -64.1517



143.8510, -13.7305, 64.1517

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.



201.9060, -20.6597, 46.5634



185.1490, 13.7305, -64.1517



204.9630, 6.4272, 38.6204

Square

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



185.1490, 13.7305, -64.1517



199.4150, 27.4034, -16.1500



202.1630, -6.9824, 46.3380



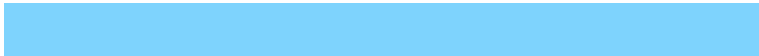
197.4270, -27.8185, 9.2725

Rectangle

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



185.1490, 13.7305, -64.1517



190.3730, 30.8751, -56.4551



202.1630, -6.9824, 46.3380



200.6570, -26.4529, 38.0118

Sweetspot

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



185.1490, 13.7305, -64.1517



243.5240, 5.1647, -23.2615



175.1300, -31.1231, -50.9800



121.0090, 2.9536, -14.0399



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.



185.1490, 13.7305, -64.1517



210.0640, 19.1954, -90.3871



158.0160, 29.0791, -40.3560



106.5970, 1.1847, -6.6626



120.5890, 22.8806, -105.7566



32.0180, 5.9071, -28.0798

Inverse Universe

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



143.8510, -13.7305, 64.1517



151.9360, -19.1954, 90.3871



170.9840, -29.0791, 40.3560



102.2890, -1.6215, 6.7625



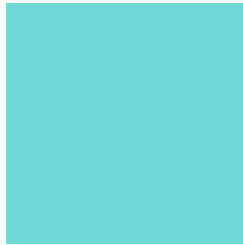
52.5250, -22.4438, 105.6566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 185.1490, 13.7305, -64.1517 looks on a white background.

Color Contrast Check

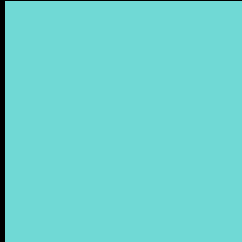
Large Text (above 18pt) WCAG AA × Fail

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 185.1490, 13.7305, -64.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

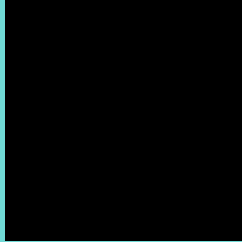
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

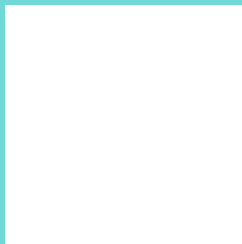
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.1490, 13.7305, -64.1517

Background



This preview shows how black text looks on a background with the YUV color 185.1490, 13.7305, -64.1517.



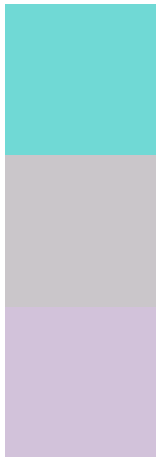
This preview shows how white text looks on a background with the YUV color 185.1490, 13.7305, -64.1517.

-64.1517.

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

185.1490, 13.7305, -64.1517

Protanopia

199.6520, 1.1576, 2.0592

Deuteranopia

201.5200, 8.1246, 7.4370



Tritanopia

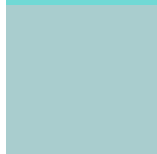
187.2340, 21.5766, -60.7182

Trichromacy



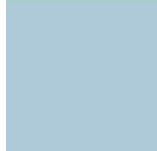
Original Color

185.1490, 13.7305, -64.1517



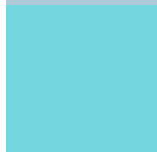
Protanomaly

194.3500, 5.7435, -22.2319



Deuteranomaly

195.2240, 10.2426, -18.6134



Tritanomaly

186.4250, 18.5245, -61.7627

Monochromacy



Original Color

185.1490, 13.7305, -64.1517



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.1110, 4.8753, -23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1490, 13.7305, -64.1517 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(112, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(112, 217, 213)  
}
```

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(112, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 217, 213) }
```

Border

The CSS property to change the border of an element to YUV 185.1490, 13.7305, -64.1517 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(112, 217, 213) }
```


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

```
.border{ border-color:rgb(112, 217, 213) }
```

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

Here you see how a box with a 4 pixel rgb(112, 217, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(112, 217,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 185.1490, 13.7305, -64.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 217, 213) }
```

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

```
.background{ background-color: rgb(112,  
217, 213) }
```

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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