

Converting Colors

YUV(187.6150, 16.9518,
-70.6994)

Have a look what the booklet for
YUV(187.6150, 16.9518, -70.6994)
contains.

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Color

**YUV(187.6150, 16.9518,
-70.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	6BDEDE
RGB	107, 222, 222
RGB Percent	42%, 87%, 87%
CMY	0.5804, 0.1294, 0.1294
CMYK	0.52, 0.00, 0.00, 0.13
HSL	180°, 64%, 65%
HSV	180°, 52%, 87%
XYZ	45.3695, 60.6423, 78.4211
YIQ	187.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

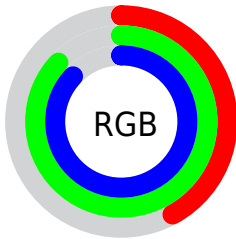
Format	Color
RYB	107, 165, 222
Decimal	7069406
CIELab	82.19, -32.45, -9.99
CIELCh	82, 33.957, 197.108
Yxy	60.6423, 0.2460, 0.3288
Android (android.graphics.Color)	4285259486 (0xFF6BDEDE)
YUV	187.6150, 16.9518, -70.6994
Hunter-Lab	77.8732, -32.2825, -5.1960

Details

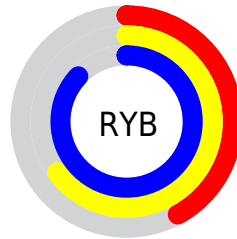
The YUV color **187.6150, 16.9518, -70.6994** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.3850, -16.9518, 70.6994**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **127.8420, 19.3049, -78.7914** is the 20% darker color. If you saturate the color by 10%, you get **181.0370, 20.1948, -84.2244**, and if you desaturate by 10%, it is **194.1930, 13.7089, -57.1743**.

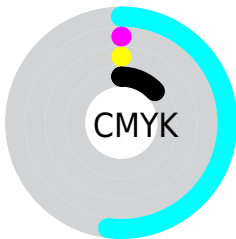
Distribution



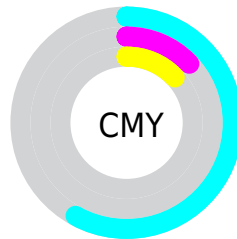
- Red (42%)
- Green (87%)
- Blue (87%)



- Red (42%)
- Yellow (65%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6150, 16.9518, -70.6994 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 187.6150, 16.9518, -70.6994 by changing the saturation by 10% instead.

187.6150, 16.9518,
-70.6994

187.6150, 16.9518,
-70.6994

255.0000, 0.0000,
0.0000

158.7180, 17.3940,
-72.5437

228.6880, 12.9718,
-54.1004

127.8420, 19.3049,
-78.7914

237.6580, 8.5496,
-35.6571

98.2540, 21.0738,
-86.1688

246.6280, 4.1274,
-17.2138

80.0280, 17.2412,
-70.1846

62.6170, 13.9928,
-54.9151

45.7930, 10.4551,
-40.1605

29.7840, 7.5015,

-26.1206

■ 11.6550, 6.5791,
-10.2214

■ 0.0000, 0.0000,
0.0000

■ 187.6150, 16.9518,
-70.6994

■ 187.6150, 16.9518,
-70.6994

■ 181.0370, 20.1948,
-84.2244

■ 194.1930, 13.7089,
-57.1743

■ 174.4590, 23.4377,
-97.7495

■ 200.7710, 10.4659,
-43.6492

■ 167.5820, 26.8281,
-111.8894

■ 207.6480, 7.0755,
-29.5093

■ 161.0040, 30.0710,
-125.4145

■ 214.2260, 3.8326,
-15.9842

■ 155.6220, 32.7244,
-136.4805

■ 220.8040, 0.5896,
-2.4591

■ 227.3820, -2.6533,
11.0660

■ 231.8670, -4.8644,
20.2876

Harmonies

Analogous

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



191.6380, -1.3005, -49.6715



187.6150, 16.9518, -70.6994



189.3450, 29.9029, -71.3396

Triad

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



187.6150, 16.9518, -70.6994



208.8710, 19.2906, 19.4071



203.9890, -30.0676, 30.7046

Complementary

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



187.6150, 16.9518, -70.6994



141.3850, -16.9518, 70.6994

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.



204.1400, -22.2540, 44.6042



187.6150, 16.9518, -70.6994



208.1590, 5.8376, 41.0796

Square

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



187.6150, 16.9518, -70.6994



203.8670, 25.2086, -12.1614



203.8100, -8.2873, 44.8936



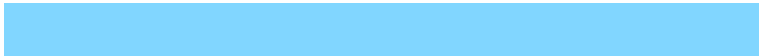
200.5900, -28.3919, 6.4986

Rectangle

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



187.6150, 16.9518, -70.6994



193.2590, 30.4383, -56.3551



203.8100, -8.2873, 44.8936



204.7880, -28.4895, 37.8969

Sweetspot

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



187.6150, 16.9518, -70.6994



242.7410, 6.0437, -25.2059



174.5050, -33.2800, -59.2019



120.5250, 3.6852, -15.3694



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.



187.6150, 16.9518, -70.6994



207.7580, 23.2903, -97.1348



154.1560, 33.4471, -41.3558



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Inverse Universe

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



154.4950, 33.2800, 59.2019



162.2540, 45.7238, 81.3382



175.4310, -33.7365, 40.8410



105.5430, 3.1833, 5.6628



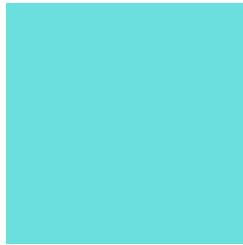
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 187.6150, 16.9518, -70.6994 looks on a white background.

Color Contrast Check

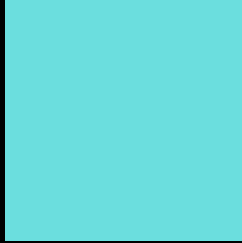
Large Text (above 18pt) WCAG AA × Fail

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 187.6150, 16.9518, -70.6994 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

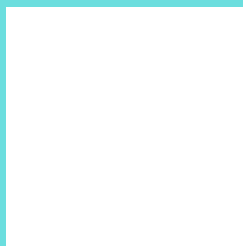
Any Text WCAG AAA ✓ Pass

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

YUV 187.6150, 16.9518, -70.6994 Background



This preview shows how black text looks on a background with the YUV color 187.6150, 16.9518, -70.6994.



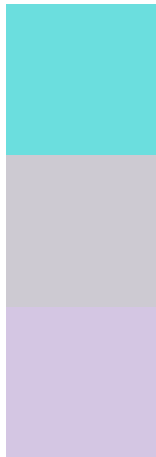
This preview shows how white text looks on a background with the YUV color 187.6150, 16.9518, -70.6994.

-70.6994.

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

187.6150, 16.9518, -70.6994

Protanopia

203.8090, 3.0522, 1.0445

Deuteranopia

205.4920, 10.6034, 5.7075



Tritanopia

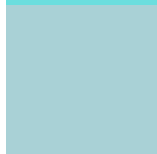
189.6460, 23.3455, -68.0955

Trichromacy



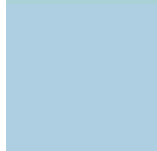
Original Color

187.6150, 16.9518, -70.6994



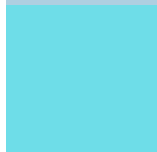
Protanomaly

197.6100, 8.0803, -25.0910



Deuteranomaly

199.1850, 12.7268, -22.0872



Tritanomaly

189.0650, 21.1670, -69.3400

Monochromacy



Original Color

187.6150, 16.9518, -70.6994



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7410, 6.0437, -25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6150, 16.9518, -70.6994 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(107, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(107, 222, 222)  
}
```

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(107, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 222, 222) }
```

Border

The CSS property to change the border of an element to YUV 187.6150, 16.9518, -70.6994 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

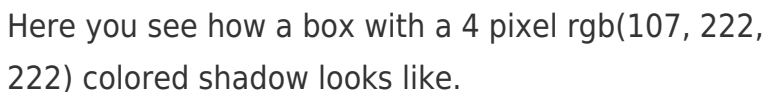
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 222, 222) }
```


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

```
.border{ border-color:rgb(107, 222, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 222, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 222, 222); box-shadow:4px 4px 4px 4px rgb(107, 222, 222) }
```

Background

The CSS property to change the background color of an element to YUV 187.6150, 16.9518, -70.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 222, 222) }
```

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

```
.background{ background-color: rgb(107,  
222, 222) }
```

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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