

Converting Colors

YUV(170.0990, 19.6712,
-56.2148)

Have a look what the booklet for
YUV(170.0990, 19.6712, -56.2148)
contains.

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Color

**YUV(170.0990, 19.6712,
-56.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	6AC3D2
RGB	106, 195, 210
RGB Percent	42%, 76%, 82%
CMY	0.5843, 0.2353, 0.1765
CMYK	0.50, 0.07, 0.00, 0.18
HSL	189°, 54%, 62%
HSV	189°, 50%, 82%
XYZ	37.0918, 46.7475, 68.0410
YIQ	170.0990, -57.8590, -14.2030

Conversions

Conversions Part 2

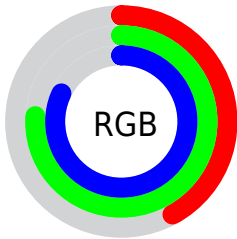
Format	Color
RYB	106, 154, 210
Decimal	6996946
CIELab	74.03, -22.67, -15.77
CIElCh	74, 27.612, 214.823
Yxy	46.7475, 0.2442, 0.3078
Android (android.graphics.Color)	4285187026 (0xFF6AC3D2)
YUV	170.0990, 19.6712, -56.2148
Hunter-Lab	68.3722, -22.8152, -11.1423

Details

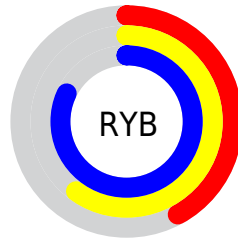
The YUV color **170.0990, 19.6712, -56.2148** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.9010, -19.6712, 56.2148**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0300, 14.2822, -54.4003**, and **113.7070, 20.8504, -61.1330** is the 20% darker color. If you saturate the color by 10%, you get **162.0590, 23.6349, -67.5807**, and if you desaturate by 10%, it is **178.1390, 15.7075, -44.8489**.

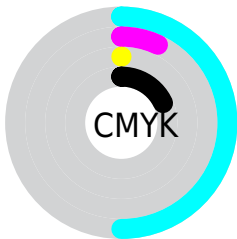
Distribution



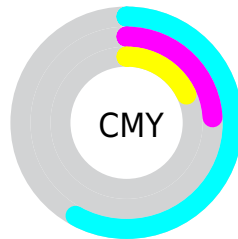
- Red (42%)
- Green (76%)
- Blue (82%)



- Red (42%)
- Yellow (60%)
- Blue (82%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0990, 19.6712, -56.2148 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 170.0990, 19.6712, -56.2148 by changing the saturation by 10% instead.

■ 170.0990, 19.6712,
-56.2148

■ 170.0990, 19.6712,
-56.2148

■ 255.0000, 0.0000,
0.0000

■ 142.3870, 19.5292,
-57.3444

■ 226.0300, 14.2822,
-54.4003

■ 113.7070, 20.8504,
-61.1330

■ 236.4620, 9.1392,
-38.1162

■ 82.2110, 23.0670,
-72.0990

■ 245.1330, 4.8644,
-20.2876

■ 65.2730, 19.0924,
-57.2444

■ 254.1030, 0.4422,
-1.8443

■ 48.4490, 15.5546,
-42.4898

■ 32.3260, 12.1643,
-28.3499

■ 18.1920, 8.7793,

-15.9544

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 170.0990, 19.6712,
-56.2148

■ 170.0990, 19.6712,
-56.2148

■ 162.0590, 23.6349,
-67.5807

■ 178.1390, 15.7075,
-44.8489

■ 154.0190, 27.5986,
-78.9467

■ 186.1790, 11.7438,
-33.4830

■ 145.9790, 31.5624,
-90.3126

■ 194.2190, 7.7800,
-22.1171

■ 137.9390, 35.5261,
-101.6785

■ 202.2590, 3.8163,
-10.7511

■ 129.8990, 39.4898,
-113.0444

■ 210.2990, -0.1474,
0.6148

■ 129.6000, 39.6372,
-113.6592

■ 218.3390, -4.1111,
11.9807

■ 226.3790, -8.0748,
23.3466

■ 228.7380, -9.2378,
23.0318

■ 230.4990,
-10.1060, 21.4874

Harmonies

Analogous

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



170.5270, 7.1352, -48.6972



170.0990, 19.6712, -56.2148



174.1850, 26.0378, -44.8892

Triad

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



170.0990, 19.6712, -56.2148



186.4670, 8.6438, 27.6544



180.3720, -24.3404, 13.7058

Complementary

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



170.0990, 19.6712, -56.2148



145.9010, -19.6712, 56.2148

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.



182.6500, -22.5054, 31.8790



170.0990, 19.6712, -56.2148



185.4550, -3.1823, 40.8200

Square

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



170.0990, 19.6712, -56.2148



184.7830, 19.3340, 5.4523



184.3660, -14.9704, 41.7750



177.4340, -18.4550, -7.3966

Rectangle

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



170.0990, 19.6712, -56.2148



178.6860, 26.2838, -30.4196



184.3660, -14.9704, 41.7750



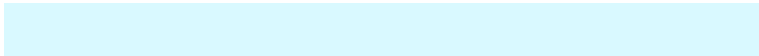
181.4160, -24.3621, 20.6832

Sweetspot

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



170.0990, 19.6712, -56.2148



240.1160, 7.3378, -20.2727



168.6440, -23.9815, -54.9388



118.7750, 4.5479, -12.0807



0.0000, 0.0000, 0.0000



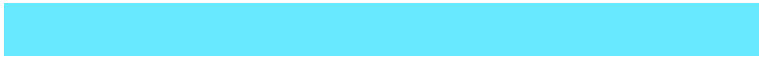
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.0990, 19.6712, -56.2148



197.2360, 28.4777, -80.8910



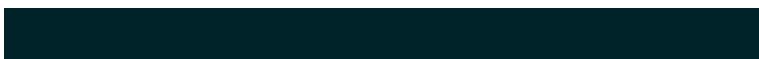
140.1620, 34.4301, -29.9601



100.5370, 2.2003, -5.7329



103.6800, 31.7098, -90.9274



25.2190, 7.7800, -22.1171

Inverse Universe

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



147.2420, 23.5447, 55.0388



164.4420, 33.7991, 79.4194



175.8380, -34.4301, 29.9601



98.3150, 2.3097, 5.8627



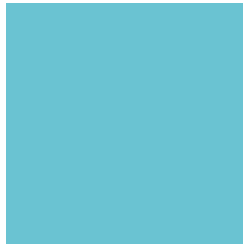
66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 170.0990, 19.6712, -56.2148 looks on a white background.

Color Contrast Check

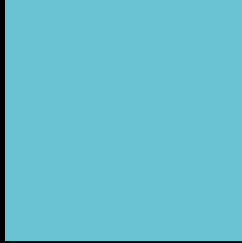
Large Text (above 18pt) WCAG AA × Fail

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 170.0990, 19.6712, -56.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

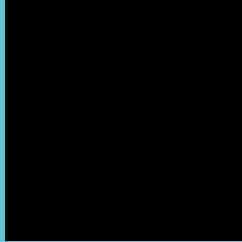
Any Text WCAG AA ✓ Pass

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 170.0990, 19.6712, -56.2148 Background



This preview shows how black text looks on a background with the YUV color 170.0990, 19.6712, -56.2148.



This preview shows how white text looks on a background with the YUV color 170.0990, 19.6712, -56.2148.

-56.2148.

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

170.0990, 19.6712, -56.2148

Protanopia

181.9810, 8.8834, -2.6143

Deuteranopia

183.0120, 15.2771, -0.0105



Tritanopia

170.2130, 20.1080, -56.3148

Trichromacy



Original Color

170.0990, 19.6712, -56.2148

Protanomaly

177.2990, 13.1636, -22.1872

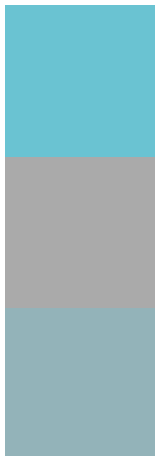
Deuteranomaly

178.6350, 16.9419, -20.7279

Tritanomaly

170.2130, 20.1080, -56.3148

Monochromacy



Original Color

170.0990, 19.6712, -56.2148

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0990, 19.6712, -56.2148 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(106, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(106, 195, 210)  
}
```

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(106, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 195, 210) }
```

Border

The CSS property to change the border of an element to YUV 170.0990, 19.6712, -56.2148 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(106, 195, 210) }
```


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

```
.border{ border-color:rgb(106, 195, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 195, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 195, 210);  
box-shadow:4px 4px 4px 4px rgb(106, 195,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 170.0990, 19.6712, -56.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 195, 210) }
```

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

```
.background{ background-color: rgb(106,  
195, 210) }
```

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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