

Converting Colors

YUV(173.5290, 17.4872,
-55.7149)

Have a look what the booklet for
YUV(173.5290, 17.4872, -55.7149)
contains.

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Color

**YUV(173.5290, 17.4872,
-55.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC7D1
RGB	110, 199, 209
RGB Percent	43%, 78%, 82%
CMY	0.5686, 0.2196, 0.1804
CMYK	0.47, 0.05, 0.00, 0.18
HSL	186°, 52%, 63%
HSV	186°, 47%, 82%
XYZ	38.3625, 48.7653, 67.7123
YIQ	173.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

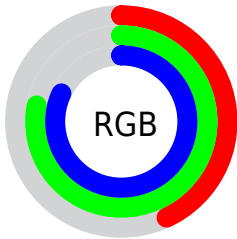
Format	Color
R _{YB}	110, 157, 209
Decimal	7260113
CIE Lab	75.31, -24.05, -13.29
CIE LCh	75, 27.475, 208.929
Yxy	48.7653, 0.2478, 0.3149
Android (android.graphics.Color)	4285450193 (0xFF6EC7D1)
YUV	173.5290, 17.4872, -55.7149
Hunter-Lab	69.8322, -24.1469, -8.6077

Details

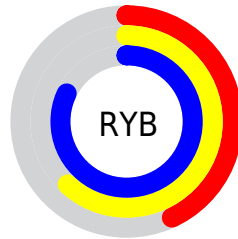
The YUV color **173.5290, 17.4872, -55.7149** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.4710, -17.4872, 55.7149**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **117.7350, 18.3716, -59.4036** is the 20% darker color. If you saturate the color by 10%, you get **166.0760, 21.1615, -67.5957**, and if you desaturate by 10%, it is **180.9820, 13.8129, -43.8342**.

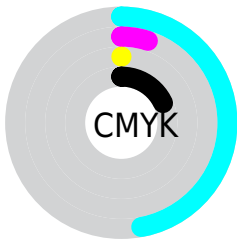
Distribution



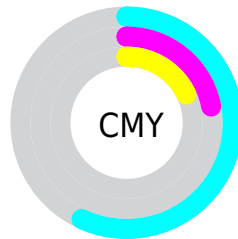
- Red (43%)
- Green (78%)
- Blue (82%)



- Red (43%)
- Yellow (62%)
- Blue (82%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5290, 17.4872, -55.7149 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 173.5290, 17.4872, -55.7149 by changing the saturation by 10% instead.

■ 173.5290, 17.4872,
-55.7149

■ 173.5290, 17.4872,
-55.7149

255.0000, 0.0000,
0.0000

■ 145.8170, 17.3452,
-56.8445

■ 228.6880, 12.9718,
-54.1004

■ 117.7350, 18.3716,
-59.4036

■ 237.3590, 8.6970,
-36.2718

■ 84.8580, 21.7620,
-73.5435

■ 246.3290, 4.2748,
-17.8285

■ 67.0340, 18.2242,
-58.7888

■ 50.0960, 14.2497,
-43.9342

■ 34.0870, 11.2961,
-29.8943

■ 20.4260, 7.1850,

-17.9136

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 173.5290, 17.4872,
-55.7149

■ 173.5290, 17.4872,
-55.7149

■ 166.0760, 21.1615,
-67.5957

■ 180.9820, 13.8129,
-43.8342

■ 158.6230, 24.8359,
-79.4764

■ 188.4350, 10.1385,
-31.9535

■ 151.1700, 28.5102,
-91.3571

■ 195.8880, 6.4642,
-20.0728

■ 143.7170, 32.1845,
-103.2378

■ 203.3410, 2.7899,
-8.1921

■ 135.9760, 36.0008,
-113.9890

■ 211.3810, -1.1738,
3.1739

■ 134.1820, 36.8853,
-117.6776

■ 218.5350, -4.7008,
14.4398

■ 225.6890, -8.2277,
25.7057

■ 226.8630, -8.8065,
24.6761

■ 228.0370, -9.3852,
23.6466

Harmonies

Analogous

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



175.1530, 4.3616, -45.7382



173.5290, 17.4872, -55.7149



176.9350, 25.1750, -48.1780

Triad

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



173.5290, 17.4872, -55.7149



189.4280, 11.1280, 24.1806



184.1060, -24.2093, 18.3240

Complementary

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



173.5290, 17.4872, -55.7149



145.4710, -17.4872, 55.7149

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.



186.6010, -21.4953, 34.5529



173.5290, 17.4872, -55.7149



189.3130, -1.1403, 39.1905

Square

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



173.5290, 17.4872, -55.7149



187.5050, 20.9500, 0.4341



188.2350, -12.9339, 41.8899



181.4130, -19.9236, -2.9932

Rectangle

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



173.5290, 17.4872, -55.7149



181.0660, 26.5895, -35.1379



188.2350, -12.9339, 41.8899



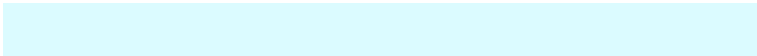
185.4380, -24.3729, 24.1719

Sweetspot

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



173.5290, 17.4872, -55.7149



241.8880, 6.4642, -20.0728



169.2530, -24.2817, -51.9649



119.6610, 4.1111, -11.9807



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.



173.5290, 17.4872, -55.7149



202.8400, 25.7149, -81.4207



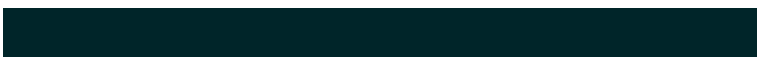
144.7660, 31.6674, -30.4898



100.5370, 2.2003, -5.7329



107.7890, 29.6840, -94.5310



26.3930, 7.2013, -23.1467

Inverse Universe

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



149.7470, 24.2817, 51.9649



168.1750, 35.4097, 76.1455



174.2340, -31.6674, 30.4898



98.3150, 2.3097, 5.8627



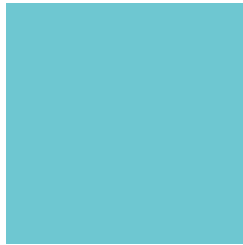
67.4460, 41.1921, 88.1859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 173.5290, 17.4872, -55.7149 looks on a white background.

Color Contrast Check

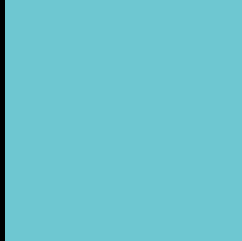
Large Text (above 18pt) WCAG AA × Fail

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 173.5290, 17.4872, -55.7149 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 173.5290, 17.4872, -55.7149

Background



This preview shows how black text looks on a background with the YUV color 173.5290, 17.4872, -55.7149.



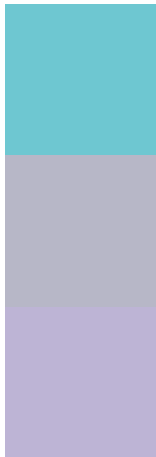
This preview shows how white text looks on a background with the YUV color 173.5290, 17.4872, -55.7149.

-55.7149.

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

173.5290, 17.4872, -55.7149

Protanopia

184.8240, 6.9888, -1.5996

Deuteranopia

186.4530, 13.0877, 2.2337



Tritanopia

174.1100, 19.6658, -54.4705

Trichromacy



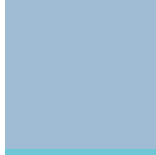
Original Color

173.5290, 17.4872, -55.7149



Protanomaly

180.7290, 10.9796, -21.6873



Deuteranomaly

181.7770, 14.8999, -19.0984



Tritanomaly

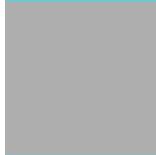
173.5830, 18.9396, -54.8853

Monochromacy



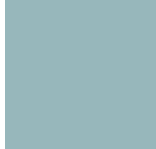
Original Color

173.5290, 17.4872, -55.7149



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5290, 17.4872, -55.7149 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(110, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(110, 199, 209)  
}
```

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(110, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 199, 209) }
```

Border

The CSS property to change the border of an element to YUV 173.5290, 17.4872, -55.7149 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(110, 199, 209) }
```


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

```
.border{ border-color:rgb(110, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(110, 199,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 173.5290, 17.4872, -55.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 199, 209) }
```

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

```
.background{ background-color: rgb(110,  
199, 209) }
```

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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