

Converting Colors

YUV(180.2470, 15.1612,
-56.3446)

Have a look what the booklet for
YUV(180.2470, 15.1612, -56.3446)
contains.

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Color

**YUV(180.2470, 15.1612,
-56.3446)**

Conversions

Conversions Part 1

Format	Color
Hex	74CFD3
RGB	116, 207, 211
RGB Percent	45%, 81%, 83%
CMY	0.5451, 0.1882, 0.1725
CMYK	0.45, 0.02, 0.00, 0.17
HSL	183°, 52%, 64%
HSV	183°, 45%, 83%
XYZ	41.2732, 53.0418, 69.6908
YIQ	180.2470, -55.5200, -18.0480

Conversions

Conversions Part 2

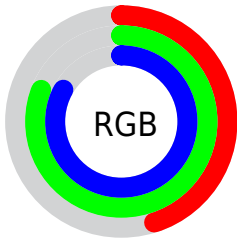
Format	Color
RYB	116, 162, 211
Decimal	7655379
CIELab	77.90, -26.11, -10.46
CIELCh	78, 28.130, 201.837
Yxy	53.0418, 0.2517, 0.3234
Android (android.graphics.Color)	4285845459 (0xFF74CFD3)
YUV	180.2470, 15.1612, -56.3446
Hunter-Lab	72.8298, -26.2950, -5.7537

Details

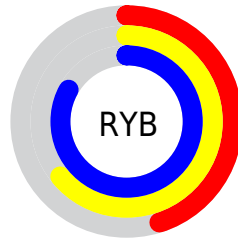
The YUV color **180.2470, 15.1612, -56.3446** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.7530, -15.1612, 56.3446**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **124.1650, 16.1877, -58.9037** is the 20% darker color. If you saturate the color by 10%, you get **173.3810, 18.5462, -68.7401**, and if you desaturate by 10%, it is **187.1130, 11.7763, -43.9491**.

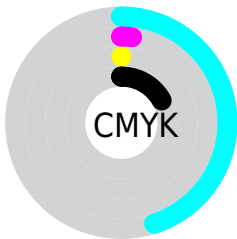
Distribution



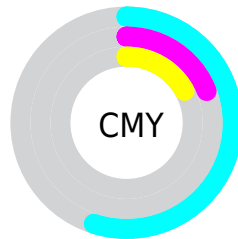
- Red (45%)
- Green (81%)
- Blue (83%)



- Red (45%)
- Yellow (64%)
- Blue (83%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2470, 15.1612, -56.3446 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 180.2470, 15.1612, -56.3446 by changing the saturation by 10% instead.

■ 180.2470, 15.1612,
-56.3446

■ 180.2470, 15.1612,
-56.3446

255.0000, 0.0000,
0.0000

■ 151.9480, 15.3086,
-56.9594

■ 230.4820, 12.0874,
-50.4117

■ 124.1650, 16.1877,
-58.9037

■ 239.1530, 7.8126,
-32.5832

■ 93.8650, 17.8146,
-67.4106

■ 248.1230, 3.3904,
-14.1399

■ 71.2570, 16.6353,
-62.4924

■ 54.4330, 13.0975,
-47.7377

■ 37.7230, 9.9966,
-33.0831

■ 23.5890, 6.6116,

-20.6876

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 180.2470, 15.1612,
-56.3446

■ 180.2470, 15.1612,
-56.3446

■ 173.3810, 18.5462,
-68.7401

■ 187.1130, 11.7763,
-43.9491

■ 166.5150, 21.9311,
-81.1357

■ 193.9790, 8.3914,
-31.5536

■ 159.6490, 25.3160,
-93.5312

■ 200.8450, 5.0064,
-19.1581

■ 152.7830, 28.7010,
-105.9267

■ 207.7110, 1.6215,
-6.7625

■ 146.5040, 31.7965,
-118.8370

■ 213.9900, -1.4741,
6.1478

■ 142.6280, 33.7074,
-125.0848

■ 221.1550, -5.0064,
19.1581

■ 225.3300, -7.0647,
26.0206

■ 225.9170, -7.3541,
25.5058

■ 226.5040, -7.6435,
24.9910

Harmonies

Analogous

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



182.5510, 0.7144, -42.5792



180.2470, 15.1612, -56.3446



182.7880, 24.7545, -53.3111

Triad

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



180.2470, 15.1612, -56.3446



196.7910, 13.9070, 19.4773



191.6120, -24.9517, 23.1423

Complementary

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



180.2470, 15.1612, -56.3446



146.7530, -15.1612, 56.3446

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.



194.2640, -20.3432, 38.3565



180.2470, 15.1612, -56.3446



196.8120, 2.0647, 37.8759

Square

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



180.2470, 15.1612, -56.3446



193.7430, 23.2977, -5.9136



195.5280, -10.6133, 44.2639



189.4630, -22.4133, 2.2249

Rectangle

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



180.2470, 15.1612, -56.3446



186.4350, 26.9005, -41.6005



195.5280, -10.6133, 44.2639



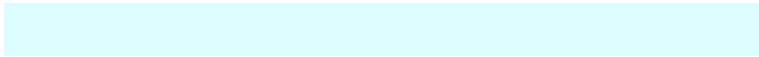
192.5850, -23.9524, 29.3050

Sweetspot

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



180.2470, 15.1612, -56.3446



243.0620, 5.8854, -21.1024



172.1070, -26.1818, -49.2058



120.8350, 3.5323, -13.0103



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.



180.2470, 15.1612, -56.3446



210.2160, 22.0785, -81.7504



152.6580, 28.7626, -32.1491



101.1240, 1.9109, -6.2477



113.6590, 26.7901, -99.6789



27.5670, 6.6225, -24.1763

Inverse Universe

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



154.7790, 25.7450, 49.3058



173.3100, 37.3152, 71.6421



174.3420, -28.7626, 32.1491



98.4290, 2.7465, 5.7628



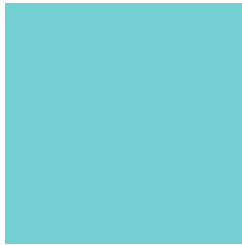
68.5860, 45.5601, 87.1861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 180.2470, 15.1612, -56.3446 looks on a white background.

Color Contrast Check

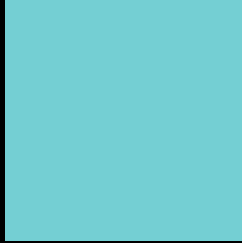
Large Text (above 18pt) WCAG AA × Fail

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 180.2470, 15.1612, -56.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

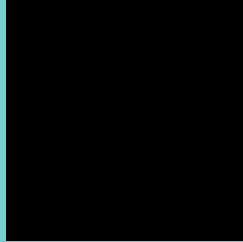
Any Text WCAG AA ✓ Pass

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 180.2470, 15.1612, -56.3446 Background



This preview shows how black text looks on a background with the YUV color 180.2470, 15.1612, -56.3446.



This preview shows how white text looks on a background with the YUV color 180.2470, 15.1612, -56.3446.

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

180.2470, 15.1612, -56.3446

Protanopia

191.8520, 4.5100, 0.1298

Deuteranopia

193.7800, 10.4615, 4.5779



Tritanopia

181.2240, 20.1026, -54.5704

Trichromacy



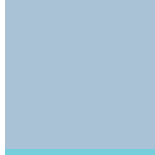
Original Color

180.2470, 15.1612, -56.3446



Protanomaly

187.4580, 8.6482, -20.5727



Deuteranomaly

188.8050, 12.4211, -17.3690



Tritanomaly

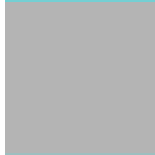
181.0560, 18.2134, -55.3001

Monochromacy



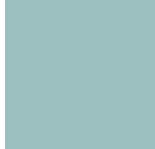
Original Color

180.2470, 15.1612, -56.3446



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.2470, 5.3012, -20.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2470, 15.1612, -56.3446 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, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(116, 207, 211)  
}
```

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, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 207, 211) }
```

Border

The CSS property to change the border of an element to YUV 180.2470, 15.1612, -56.3446 is called "border".

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

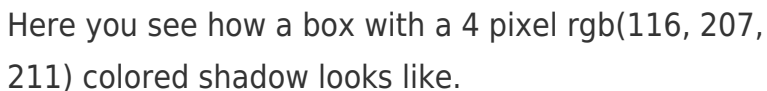
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 207, 211) }
```


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

```
.border{ border-color:rgb(116, 207, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 207, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 207, 211); box-shadow:4px 4px 4px 4px rgb(116, 207, 211) }
```

Background

The CSS property to change the background color of an element to YUV 180.2470, 15.1612, -56.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 207, 211) }
```

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

```
.background{ background-color: rgb(116,  
207, 211) }
```

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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