

Converting Colors

YUV(170.1580, 3.3731,
-55.3896)

Have a look what the booklet for
YUV(170.1580, 3.3731, -55.3896)
contains.

YUV(170.1580, 3.3731, -55.3896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.1580, 3.3731,
-55.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC9B1
RGB	107, 201, 177
RGB Percent	42%, 79%, 69%
CMY	0.5804, 0.2118, 0.3059
CMYK	0.47, 0.00, 0.12, 0.21
HSL	165°, 47%, 60%
HSV	165°, 47%, 79%
XYZ	34.8859, 48.0734, 49.0354
YIQ	170.1580, -48.3200, -27.3920

Conversions

Conversions Part 2

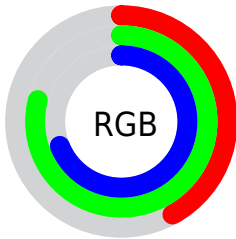
Format	Color
RYB	107, 161, 201
Decimal	7063985
CIELab	74.87, -33.69, 3.37
CIELCh	75, 33.862, 174.283
Yxy	48.0734, 0.2643, 0.3642
Android (android.graphics.Color)	4285254065 (0xFF6BC9B1)
YUV	170.1580, 3.3731, -55.3896
Hunter-Lab	69.3350, -31.5241, 6.6032

Details

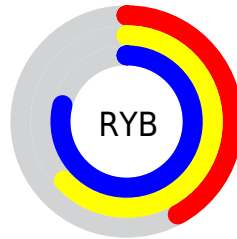
The YUV color **170.1580, 3.3731, -55.3896** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **137.8420, -3.3731, 55.3896**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9840, 3.9519, -54.3600**, and **114.4890, 4.6889, -57.4339** is the 20% darker color. If you saturate the color by 10%, you get **163.6080, 4.1373, -67.1852**, and if you desaturate by 10%, it is **176.7080, 2.6090, -43.5939**.

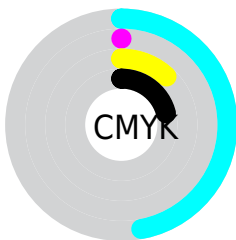
Distribution



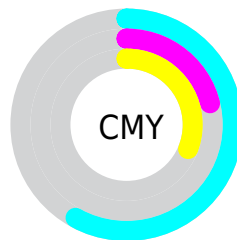
- Red (42%)
- Green (79%)
- Blue (69%)



- Red (42%)
- Yellow (63%)
- Blue (79%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)





- Cyan (58%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1580, 3.3731, -55.3896 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 170.1580, 3.3731, -55.3896 by changing the saturation by 10% instead.


 170.1580, 3.3731,
-55.3896


 170.1580, 3.3731,
-55.3896

255.0000, 0.0000,
0.0000

 142.2720, 3.8099,
-55.4895

 224.9840, 3.9519,
-54.3600

 114.4890, 4.6889,
-57.4339


 236.1630, 9.2866,
-38.7310

 83.3350, 8.2158,
-68.6998

 244.8340, 5.0118,
-20.9024

 64.4290, 5.7045,
-56.5042

 253.8040, 0.5896,
-2.4591

 47.7190, 2.6035,
-41.8496

 31.2370, 0.3762,
-27.3948

 16.2880, -3.5930,

-14.2846

■ 0.0000, 0.0000,
0.0000

■ 170.1580, 3.3731,
-55.3896

■ 170.1580, 3.3731,
-55.3896

■ 163.6080, 4.1373,
-67.1852

■ 176.7080, 2.6090,
-43.5939

■ 157.0580, 4.9014,
-78.9809

■ 183.2580, 1.8448,
-31.7983

■ 150.5080, 5.6656,
-90.7765

■ 189.8080, 1.0807,
-20.0026

■ 143.8440, 5.9929,
-102.4722

■ 196.4720, 0.7533,
-8.3069

■ 136.9950, 6.9045,
-114.8826

■ 203.3210, -0.1583,
4.1035

■ 135.0870, 7.3521,
-118.4713

■ 209.8710, -0.9224,
15.8991

■ 216.4210, -1.6866,
27.6948

■ 219.0840, -0.5344,
31.4983

■ 219.6540, 1.6496,
30.9984

Harmonies

Analogous

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



175.4530, -14.0273, -27.5843



170.1580, 3.3731, -55.3896



166.0320, 21.1832, -74.5731

Triad

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



170.1580, 3.3731, -55.3896



185.7800, 27.2235, -5.0691



185.4450, -24.8694, 43.4597

Complementary

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



170.1580, 3.3731, -55.3896



137.8420, -3.3731, 55.3896

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.



186.8880, -13.2558, 51.8412



170.1580, 3.3731, -55.3896



188.9920, 15.7799, 25.4400

Square

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



170.1580, 3.3731, -55.3896



178.7540, 33.1523, -40.1263



188.4540, 1.7482, 46.0828



182.6570, -29.9039, 24.8568

Rectangle

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



170.1580, 3.3731, -55.3896



167.5080, 29.3296, -74.1135



188.4540, 1.7482, 46.0828



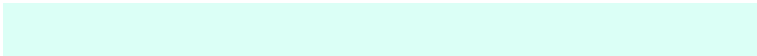
185.9770, -21.6807, 47.3782

Sweetspot

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



170.1580, 3.3731, -55.3896



243.2100, 1.3755, -21.2322



169.6530, -30.8879, -33.0217



120.7380, 0.6222, -12.9252



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.



170.1580, 3.3731, -55.3896



208.1390, 5.3545, -84.3139



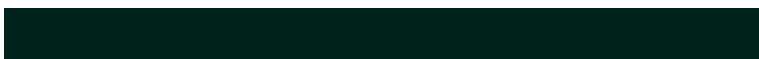
159.9800, 20.2229, -46.4635



96.0810, 0.4531, -5.3330



109.5890, 6.1186, -96.1096



24.2100, 1.3755, -21.2322

Inverse Universe

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



137.8420, -3.3731, 55.3896



158.9750, -4.9177, 84.2139



148.0200, -20.2229, 46.4635



92.9190, -0.4531, 5.3330



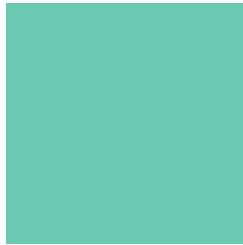
53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 170.1580, 3.3731, -55.3896 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 170.1580, 3.3731, -55.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

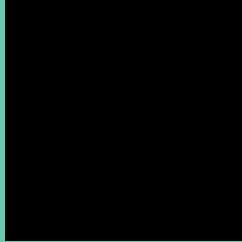
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.1580, 3.3731, -55.3896

Background



This preview shows how black text looks on a background with the YUV color 170.1580, 3.3731, -55.3896.



This preview shows how white text looks on a background with the YUV color 170.1580, 3.3731,

-55.3896.

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

170.1580, 3.3731, -55.3896

Protanopia

183.2690, -8.0206, 5.9031

Deuteranopia

184.7460, -1.3538, 14.2548



Tritanopia

174.2030, 18.6339, -50.1670

Trichromacy



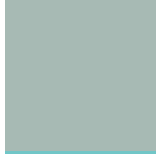
Original Color

170.1580, 3.3731, -55.3896



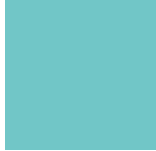
Protanomaly

178.8640, -3.8770, -16.5437



Deuteranomaly

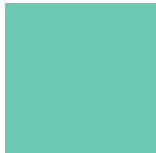
179.6350, 0.1799, -11.0809



Tritanomaly

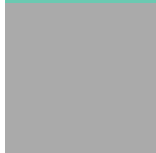
172.6990, 12.9664, -52.3560

Monochromacy



Original Color

170.1580, 3.3731, -55.3896



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1580, 3.3731, -55.3896 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, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(107, 201, 177)  
}
```

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, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 201, 177) }
```

Border

The CSS property to change the border of an element to YUV 170.1580, 3.3731, -55.3896 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, 201, 177) }
```


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

```
.border{ border-color:rgb(107, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 201, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 201, 177);  
box-shadow:4px 4px 4px 4px rgb(107, 201,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 170.1580, 3.3731, -55.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 201, 177) }
```

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

```
.background{ background-color: rgb(107,  
201, 177) }
```

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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