

Converting Colors

YUV(170.8760, 1.0471,
-56.0193)

Have a look what the booklet for
YUV(170.8760, 1.0471, -56.0193)
contains.

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Color

**YUV(170.8760, 1.0471,
-56.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	6BCBAD
RGB	107, 203, 173
RGB Percent	42%, 80%, 68%
CMY	0.5804, 0.2039, 0.3216
CMYK	0.47, 0.00, 0.15, 0.20
HSL	161°, 48%, 61%
HSV	161°, 47%, 80%
XYZ	34.9622, 48.8548, 47.1224
YIQ	170.8760, -47.5860, -29.6820

Conversions

Conversions Part 2

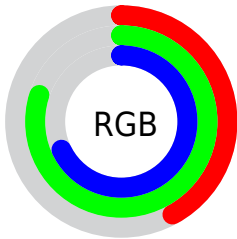
Format	Color
RYB	107, 164, 203
Decimal	7064493
CIELab	75.36, -35.54, 6.24
CIELCh	75, 36.087, 170.047
Yxy	48.8548, 0.2670, 0.3731
Android (android.graphics.Color)	4285254573 (0xFF6BCBAD)
YUV	170.8760, 1.0471, -56.0193
Hunter-Lab	69.8962, -33.0325, 8.9554

Details

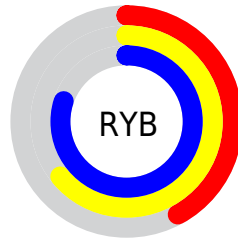
The YUV color **170.8760, 1.0471, -56.0193** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **139.1240, -1.0471, 56.0193**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4140, 1.7679, -53.8601**, and **115.0220, 2.9472, -58.7783** is the 20% darker color. If you saturate the color by 10%, you get **164.2120, 1.3745, -67.7149**, and if you desaturate by 10%, it is **177.5400, 0.7198, -44.3236**.

Distribution



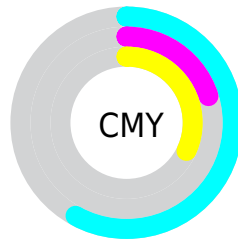
- Red (42%)
- Green (80%)
- Blue (68%)



- Red (42%)
- Yellow (64%)
- Blue (80%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8760, 1.0471, -56.0193 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 170.8760, 1.0471, -56.0193 by changing the saturation by 10% instead.

■ 170.8760, 1.0471,
-56.0193

■ 170.8760, 1.0471,
-56.0193

■ 255.0000, 0.0000,
0.0000

■ 142.9900, 1.4839,
-56.1192

■ 224.4140, 1.7679,
-53.8601

■ 115.0220, 2.9472,
-58.7783

■ 236.1630, 9.2866,
-38.7310

■ 83.7540, 6.0373,
-69.9443

■ 244.8340, 5.0118,
-20.9024

■ 65.1470, 3.3785,
-57.1339

■ 253.8040, 0.5896,
-2.4591

■ 47.9640, 1.0037,
-42.0644

■ 32.0690, -1.5130,
-28.1245

■ 16.1910, -6.5032,

-14.1995

■ 0.0000, 0.0000,
0.0000

■ 170.8760, 1.0471,
-56.0193

■ 170.8760, 1.0471,
-56.0193

■ 164.2120, 1.3745,
-67.7149

■ 177.5400, 0.7198,
-44.3236

■ 157.1350, 1.4124,
-79.9254

■ 184.6170, 0.6818,
-32.1131

■ 150.4710, 1.7398,
-91.6211


■ 191.2810, 0.3545,
-20.4174

■ 143.8070, 2.0671,
-103.3167

■ 197.9450, 0.0271,
-8.7218

■ 137.0290, 1.9577,
-114.9124

■ 205.0220, -0.0108,
3.4887

 135.1210, 2.4053,
-118.5011

 211.6860, -0.3382,
15.1844

 218.3500, -0.6655,
26.8801

 220.9420, 1.5076,
29.8689

 221.6260, 4.1284,
29.2690

Harmonies

Analogous

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



176.9540, -17.2323, -26.2697



170.8760, 1.0471, -56.0193



164.8740, 20.7681, -81.4505

Triad

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



170.8760, 1.0471, -56.0193



186.5450, 30.2973, -11.0020



187.0650, -25.1750, 48.1780

Complementary

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



170.8760, 1.0471, -56.0193



139.1240, -1.0471, 56.0193

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.



188.5510, -12.1036, 55.6448



170.8760, 1.0471, -56.0193



190.1920, 19.1323, 23.5106

Square

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



170.8760, 1.0471, -56.0193



177.6820, 35.6528, -48.8331



190.0350, 3.9267, 47.3273



184.5220, -31.8093, 29.3602

Rectangle

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



170.8760, 1.0471, -56.0193



164.7840, 30.6725, -84.8796



190.0350, 3.9267, 47.3273



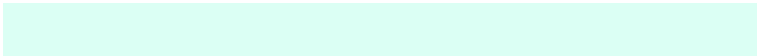
187.1240, -21.2601, 52.5113

Sweetspot

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



170.8760, 1.0471, -56.0193



242.9820, 0.5019, -21.0322



172.3220, -32.2037, -30.9774



120.6240, 0.1854, -12.8252



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.



170.8760, 1.0471, -56.0193



206.5150, 1.7181, -84.6437



163.7300, 19.3601, -49.7522



98.6680, 0.1637, -5.8478



110.4380, 1.7561, -96.8541



25.2700, 0.3599, -22.1618

Inverse Universe

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



139.1240, -1.0471, 56.0193



158.4850, -1.7181, 84.6437



146.2700, -19.3601, 49.7522



95.3320, -0.1637, 5.8478



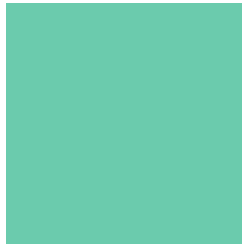
55.5620, -1.7561, 96.8541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 170.8760, 1.0471, -56.0193 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 170.8760, 1.0471, -56.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

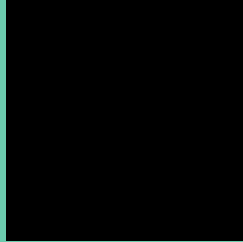
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8760, 1.0471, -56.0193

Background



This preview shows how black text looks on a background with the YUV color 170.8760, 1.0471, -56.0193.



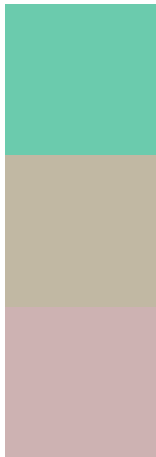
This preview shows how white text looks on a background with the YUV color 170.8760, 1.0471,

-56.0193.

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

170.8760, 1.0471, -56.0193

Protanopia

184.2970, -10.4994, 7.6325

Deuteranopia

186.0730, -3.9800, 16.5990



Tritanopia

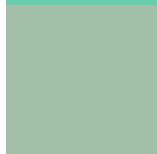
175.2030, 18.6339, -50.1670

Trichromacy



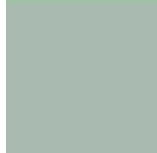
Original Color

170.8760, 1.0471, -56.0193



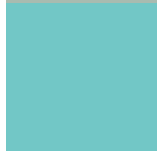
Protanomaly

179.5930, -6.2083, -15.4291



Deuteranomaly

180.3640, -2.1515, -9.9662



Tritanomaly

173.4710, 12.0928, -52.1561

Monochromacy



Original Color

170.8760, 1.0471, -56.0193



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.2810, 0.3545, -20.4174

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8760, 1.0471, -56.0193 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, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(107, 203, 173)  
}
```

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, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 203, 173) }
```

Border

The CSS property to change the border of an element to YUV 170.8760, 1.0471, -56.0193 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, 203, 173) }
```


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

```
.border{ border-color:rgb(107, 203, 173) }
```

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

Here you see how a box with a 4 pixel rgb(107, 203, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(107, 203,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 170.8760, 1.0471, -56.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 203, 173) }
```

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

```
.background{ background-color: rgb(107,  
203, 173) }
```

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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