

Converting Colors

YUV(172.9960, -0.9840,
-57.8785)

Have a look what the booklet for
YUV(172.9960, -0.9840, -57.8785)
contains.

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Color

**YUV(172.9960, -0.9840,
-57.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	6BCFAB
RGB	107, 207, 171
RGB Percent	42%, 81%, 67%
CMY	0.5804, 0.1882, 0.3294
CMYK	0.48, 0.00, 0.17, 0.19
HSL	158°, 51%, 62%
HSV	158°, 48%, 81%
XYZ	35.7269, 50.6917, 46.4296
YIQ	172.9960, -48.0440, -32.3960

Conversions

Conversions Part 2

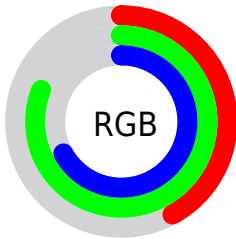
Format	Color
RYB	107, 168, 207
Decimal	7065515
CIELab	76.49, -37.83, 8.93
CIELCh	76, 38.866, 166.713
Yxy	50.6917, 0.2689, 0.3816
Android (android.graphics.Color)	4285255595 (0xFF6BCFAB)
YUV	172.9960, -0.9840, -57.8785
Hunter-Lab	71.1981, -35.0262, 11.1746

Details

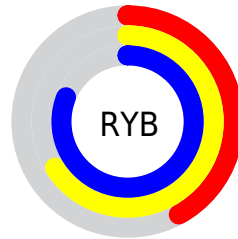
The YUV color **172.9960, -0.9840, -57.8785** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.0040, 0.9840, 57.8785**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4850, 0.7469, -53.0453**, and **117.1420, 0.9160, -60.6375** is the 20% darker color. If you saturate the color by 10%, you get **165.9190, -0.9461, -70.0890**, and if you desaturate by 10%, it is **180.0730, -1.0220, -45.6680**.

Distribution



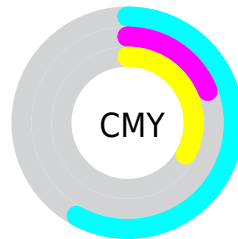
- Red (42%)
- Green (81%)
- Blue (67%)



- Red (42%)
- Yellow (66%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9960, -0.9840, -57.8785 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 172.9960, -0.9840, -57.8785 by changing the saturation by 10% instead.

■ 172.9960, -0.9840,
-57.8785

■ 172.9960, -0.9840,
-57.8785

255.0000, 0.0000,
0.0000

■ 144.8110, -0.3998,
-58.5932

■ 224.4850, 0.7469,
-53.0453

■ 117.1420, 0.9160,
-60.6375

■ 236.4620, 9.1392,
-38.1162

■ 84.6780, 4.5957,
-74.2626

■ 245.1330, 4.8644,
-20.2876

■ 66.6800, 1.6368,
-58.4784

■ 253.8040, 0.5896,
-2.4591

■ 49.4970, -0.7380,
-43.4089

■ 33.6020, -3.2548,
-29.4690

■ 18.3110, -8.5343,

-16.0587

■ 0.0000, 0.0000,
0.0000

■ 172.9960, -0.9840,
-57.8785

■ 172.9960, -0.9840,
-57.8785

■ 165.9190, -0.9461,
-70.0890

■ 180.0730, -1.0220,
-45.6680

■ 159.0270, -1.4923,
-81.5847

■ 186.9650, -0.4757,
-34.1723

■ 151.9500, -1.4543,
-93.7951

■ 194.0420, -0.5137,
-21.9618


■ 144.7590, -1.8532,
-105.9056

■ 201.2330, -0.1149,
-9.8513

■ 137.6820, -1.8152,
-118.1161


■ 208.3100, -0.1528,
2.3591

 136.5570, -2.2466,
-119.7605

 215.2020, 0.3934,
13.8548

 222.2790, 0.3555,
26.0653

 224.0880, 3.4076,
27.1098

 224.8860, 6.4652,
26.4100

Harmonies

Analogous

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



179.7540, -20.5847, -24.3403



172.9960, -0.9840, -57.8785



164.0470, 21.6688, -90.3722

Triad

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



172.9960, -0.9840, -57.8785



188.4950, 32.7870, -16.2201



189.9840, -25.6281, 53.5110

Complementary

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



172.9960, -0.9840, -57.8785



141.0040, 0.9840, 57.8785

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.



190.7190, -10.2145, 56.3744



172.9960, -0.9840, -57.8785



193.2780, 22.0479, 21.6812

Square

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



172.9960, -0.9840, -57.8785



177.8980, 38.0113, -58.6695



193.6160, 6.1053, 48.5718



187.6860, -33.8622, 34.4784

Rectangle

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



172.9960, -0.9840, -57.8785



161.4940, 33.7735, -99.5342



193.6160, 6.1053, 48.5718



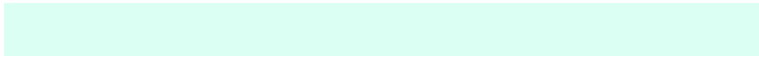
190.5590, -20.9816, 56.5148

Sweetspot

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



172.9960, -0.9840, -57.8785



242.7540, -0.3717, -20.8323



176.7630, -34.3932, -28.7332



120.5100, -0.2514, -12.7253



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.



172.9960, -0.9840, -57.8785



204.7060, -1.3341, -85.6882



169.4690, 18.5028, -54.7853



101.2550, -0.1257, -6.3626



110.9280, -1.4435, -97.2839



27.0310, -0.5083, -23.7062

Inverse Universe

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



141.0040, 0.9840, 57.8785



157.2940, 1.3341, 85.6882



144.5310, -18.5028, 54.7853



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 172.9960, -0.9840, -57.8785 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 172.9960, -0.9840, -57.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

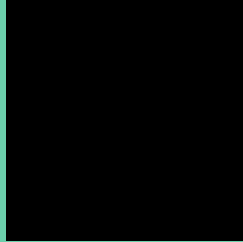
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9960, -0.9840, -57.8785

Background



This preview shows how black text looks on a background with the YUV color 172.9960, -0.9840, -57.8785.



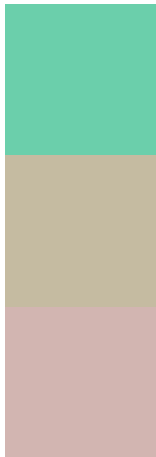
This preview shows how white text looks on a background with the YUV color 172.9960, -0.9840,

-57.8785.

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

172.9960, -0.9840, -57.8785

Protanopia

187.0260, -12.8308, 8.7472

Deuteranopia

189.2150, -6.0220, 18.2284



Tritanopia

178.6050, 18.9287, -51.3966

Trichromacy



Original Color

172.9960, -0.9840, -57.8785



Protanomaly

181.7240, -8.2449, -15.5439



Deuteranomaly

183.2070, -4.0461, -8.9515



Tritanomaly

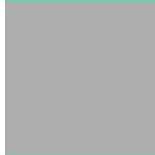
176.3460, 11.6614, -53.8004

Monochromacy



Original Color

172.9960, -0.9840, -57.8785



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.7540, -0.3717, -20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9960, -0.9840, -57.8785 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, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 207, 171)  
}
```

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, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 207, 171) }
```

Border

The CSS property to change the border of an element to YUV 172.9960, -0.9840, -57.8785 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, 207, 171) }
```


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

```
.border{ border-color:rgb(107, 207, 171) }
```

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

Here you see how a box with a 4 pixel rgb(107, 207, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 207,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 172.9960, -0.9840, -57.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 207, 171) }
```

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

```
.background{ background-color: rgb(107,  
207, 171) }
```

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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