

Converting Colors

YUV(155.0880, -0.5364,
-61.4672)

Have a look what the booklet for
YUV(155.0880, -0.5364, -61.4672)
contains.

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Color

**YUV(155.0880, -0.5364,
-61.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	55BF9A
RGB	85, 191, 154
RGB Percent	33%, 75%, 60%
CMY	0.6667, 0.2510, 0.3961
CMYK	0.55, 0.00, 0.19, 0.25
HSL	159°, 45%, 54%
HSV	159°, 55%, 75%
XYZ	28.2098, 41.5260, 37.1004
YIQ	155.0880, -51.2990, -33.9790

Conversions

Conversions Part 2

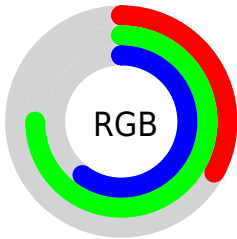
Format	Color
RYB	85, 149, 191
Decimal	5619610
CIELab	70.54, -39.51, 9.52
CIELCh	71, 40.639, 166.451
Yxy	41.5260, 0.2640, 0.3887
Android (android.graphics.Color)	4283809690 (0xFF55BF9A)
YUV	155.0880, -0.5364, -61.4672
Hunter-Lab	64.4407, -34.6302, 10.9735

Details

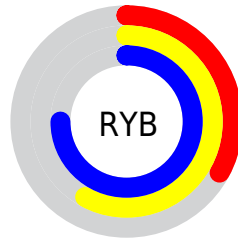
The YUV color **155.0880, -0.5364, -61.4672** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **120.9120, 0.5364, 61.4672**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7460, -1.8468, -61.1672**, and **95.7490, 3.5747, -73.4479** is the 20% darker color. If you saturate the color by 10%, you get **148.6090, -0.7932, -72.4481**, and if you desaturate by 10%, it is **161.5670, -0.2795, -50.4863**.

Distribution



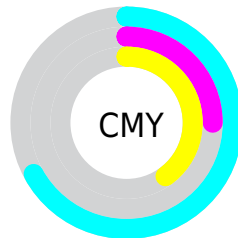
- Red (33%)
- Green (75%)
- Blue (60%)



- Red (33%)
- Yellow (58%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0880, -0.5364, -61.4672 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 155.0880, -0.5364, -61.4672 by changing the saturation by 10% instead.

■ 155.0880, -0.5364,
-61.4672

■ 155.0880, -0.5364,
-61.4672

■ 255.0000, 0.0000,
0.0000

■ 127.0060, 0.4900,
-64.0263

■ 211.7460, -1.8468,
-61.1672

■ 95.7490, 3.5747,
-73.4479

■ 227.8320, 4.5198,
-49.8417

■ 74.1630, 2.3846,
-65.0410

■ 238.5550, 8.1074,
-33.8127

■ 56.8660, -0.4269,
-49.8715

■ 247.5250, 3.6852,
-15.3694

■ 39.6830, -2.8017,
-34.8020

■ 24.9620, -5.8973,
-21.8917

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 155.0880, -0.5364,
-61.4672

■ 155.0880, -0.5364,
-61.4672

■ 148.6090, -0.7932,
-72.4481

■ 161.5670, -0.2795,
-50.4863

■ 142.2440, -0.6133,
-83.5290

■ 167.9320, -0.4595,
-39.4054

■ 135.7650, -0.8701,
-94.5099

■ 174.4110, -0.2026,
-28.4244

■ 129.2860, -1.1270,
-105.4908

■ 180.8900, 0.0542,
-17.4435

■ 126.2530, -1.1107,
-110.7239

■ 187.2550, -0.1257,
-6.3626

■ 194.0330, -0.0163,
5.2331

■ 200.5120, 0.2406,
16.2140

■ 206.8770, 0.0606,
27.2949

■ 212.7580, 0.6123,
37.0462

Harmonies

Analogous

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



162.9280, -21.1635, -25.3699



155.0880, -0.5364, -61.4672



134.5920, 28.3021, -118.0372

Triad

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



155.0880, -0.5364, -61.4672



172.0540, 34.9764, -18.4644



173.2830, -25.7755, 54.1258

Complementary

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



155.0880, -0.5364, -61.4672



120.9120, 0.5364, 61.4672

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.



174.9260, -10.8095, 60.5779



155.0880, -0.5364, -61.4672



176.9190, 23.2109, 21.9960

Square

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



155.0880, -0.5364, -61.4672



159.1790, 41.8168, -65.9320



176.8550, 6.9735, 50.1162



171.4580, -34.7358, 34.6783

Rectangle

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



155.0880, -0.5364, -61.4672



136.0400, 38.9273, -119.3071



176.8550, 6.9735, 50.1162



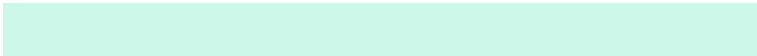
173.4560, -21.4238, 58.3591

Sweetspot

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



155.0880, -0.5364, -61.4672



232.8460, 0.0759, -24.4209



158.2850, -36.1295, -31.8219



116.4990, -0.2460, -14.4696



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.0880, -0.5364, -61.4672



191.1670, -0.5753, -95.7395



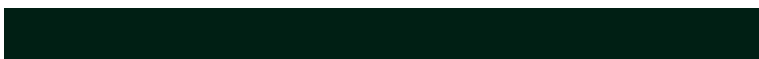
149.9140, 20.2554, -56.9296



90.9670, 0.0163, -5.2331



104.4880, -0.7336, -91.6360



20.4770, -0.2352, -17.9583

Inverse Universe

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



120.9120, 0.5364, 61.4672



137.8330, 0.5753, 95.7395



126.0860, -20.2554, 56.9296



88.0330, -0.0163, 5.2331



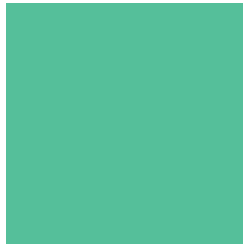
53.5120, 0.7336, 91.6360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 155.0880, -0.5364, -61.4672 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 155.0880, -0.5364, -61.4672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

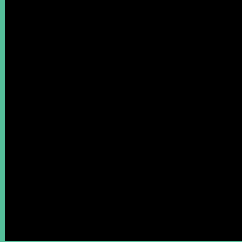
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.0880, -0.5364, -61.4672

Background



This preview shows how black text looks on a background with the YUV color 155.0880, -0.5364, -61.4672.



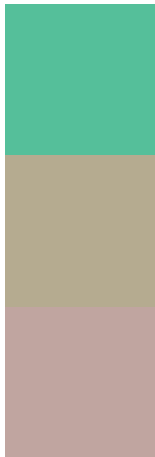
This preview shows how white text looks on a background with the YUV color 155.0880, -0.5364, -61.4672.

-61.4672.

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

155.0880, -0.5364, -61.4672

Protanopia

170.9120, -13.2676, 8.8472

Deuteranopia

172.5030, -6.1640, 17.0989



Tritanopia

161.2950, 19.0816, -53.7557

Trichromacy



Original Color

155.0880, -0.5364, -61.4672



Protanomaly

165.0120, -8.3869, -16.6735



Deuteranomaly

165.8970, -3.8932, -11.3107



Tritanomaly

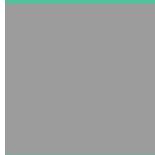
159.0360, 11.8143, -56.1596

Monochromacy



Original Color

155.0880, -0.5364, -61.4672



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1560, -0.0769, -22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0880, -0.5364, -61.4672 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(85, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(85, 191, 154)  
}
```

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(85, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 191, 154) }
```

Border

The CSS property to change the border of an element to YUV 155.0880, -0.5364, -61.4672 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(85, 191, 154) }
```


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

```
.border{ border-color:rgb(85, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(85, 191,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 155.0880, -0.5364, -61.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 191, 154) }
```

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

```
.background{ background-color: rgb(85, 191,  
154) }
```

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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