

Converting Colors

YUV(155.7270, 7.0366,
-63.7816)

Have a look what the booklet for
YUV(155.7270, 7.0366, -63.7816)
contains.

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Color

**YUV(155.7270, 7.0366,
-63.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	53BEAA
RGB	83, 190, 170
RGB Percent	33%, 75%, 67%
CMY	0.6745, 0.2549, 0.3333
CMYK	0.56, 0.00, 0.11, 0.25
HSL	169°, 45%, 54%
HSV	169°, 56%, 75%
XYZ	29.2364, 41.5682, 44.5128
YIQ	155.7270, -57.3520, -28.9040

Conversions

Conversions Part 2

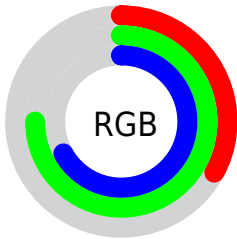
Format	Color
RYB	83, 142, 190
Decimal	5488298
CIELab	70.57, -35.64, 0.83
CIELCh	71, 35.646, 178.671
Yxy	41.5682, 0.2535, 0.3605
Android (android.graphics.Color)	4283678378 (0xFF53BEAA)
YUV	155.7270, 7.0366, -63.7816
Hunter-Lab	64.4734, -31.8849, 4.1973

Details

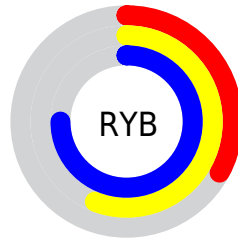
The YUV color **155.7270, 7.0366, -63.7816** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **117.2730, -7.0366, 63.7816**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7980, 6.0156, -62.9668**, and **93.2840, 12.1850, -81.8101** is the 20% darker color. If you saturate the color by 10%, you get **149.5900, 8.0901, -75.0624**, and if you desaturate by 10%, it is **161.8640, 5.9830, -52.5007**.

Distribution



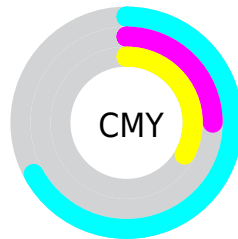
- Red (33%)
- Green (75%)
- Blue (67%)



- Red (33%)
- Yellow (56%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7270, 7.0366, -63.7816 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 155.7270, 7.0366, -63.7816 by changing the saturation by 10% instead.

■ 155.7270, 7.0366,
-63.7816

■ 155.7270, 7.0366,
-63.7816

255.0000, 0.0000,
0.0000

■ 127.3460, 8.2104,
-66.9554

■ 212.7980, 6.0156,
-62.9668

■ 93.2840, 12.1850,
-81.8101

■ 229.4710, 12.0928,
-52.1561

■ 75.1720, 8.7892,
-65.9258

■ 238.2560, 8.2548,
-34.4275

■ 57.8750, 5.9776,
-50.7564

■ 247.2260, 3.8326,
-15.9842

■ 41.2790, 3.3135,
-36.2017

■ 25.9710, 0.5073,
-22.7766

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 155.7270, 7.0366,
-63.7816

■ 155.7270, 7.0366,
-63.7816

■ 149.5900, 8.0901,
-75.0624

■ 161.8640, 5.9830,
-52.5007

■ 143.5670, 9.5805,
-86.4433

■ 167.8870, 4.4927,
-41.1199

■ 137.4300, 10.6340,
-97.7241

■ 174.0240, 3.4392,
-29.8390

■ 131.4070, 12.1243,
-109.1049

■ 180.0470, 1.9488,
-18.4582

■ 129.0860, 12.2826,
-113.2084

■ 186.1840, 0.8953,
-7.1774

■ 192.2070, -0.5951,
4.2035

■ 198.3440, -1.6486,
15.4843

■ 204.3670, -3.1389,
26.8651

■ 210.5040, -4.1925,
38.1460

Harmonies

Analogous

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



162.5770, -12.1165, -33.8320



155.7270, 7.0366, -63.7816



149.3340, 26.4573, -86.2389

Triad

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



155.7270, 7.0366, -63.7816



175.2860, 26.4810, -0.2508



173.1630, -27.1954, 42.8300

Complementary

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



155.7270, 7.0366, -63.7816



117.2730, -7.0366, 63.7816

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.



174.6170, -15.5872, 52.9559



155.7270, 7.0366, -63.7816



177.3840, 14.6007, 30.3582

Square

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



155.7270, 7.0366, -63.7816



167.7050, 34.1624, -37.4523



176.4930, -0.7360, 49.5566



170.5920, -31.3509, 22.2828

Rectangle

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



155.7270, 7.0366, -63.7816



152.4900, 33.2824, -81.9907



176.4930, -0.7360, 49.5566



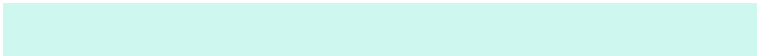
173.9940, -24.1540, 47.3633

Sweetspot

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



155.7270, 7.0366, -63.7816



233.5300, 2.6967, -25.0208



152.0880, -34.0604, -42.1732



116.9550, 1.5012, -14.8695



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.



155.7270, 7.0366, -63.7816



193.2340, 11.2236, -100.1832



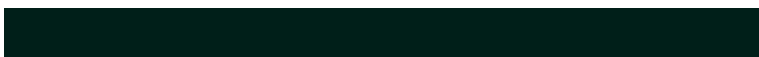
139.2230, 25.0331, -49.3076



91.1950, 0.8899, -5.4330



107.4520, 10.6232, -94.2354



21.0470, 1.9488, -18.4582

Inverse Universe

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



117.2730, -7.0366, 63.7816



132.8800, -10.7868, 100.0832



133.7770, -25.0331, 49.3076



87.9190, -0.4531, 5.3330



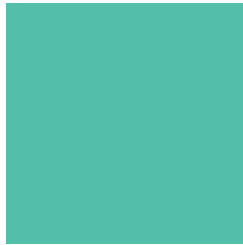
50.6620, -10.1864, 94.1354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 155.7270, 7.0366, -63.7816 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 155.7270, 7.0366, -63.7816 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

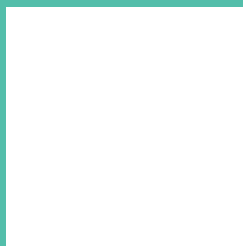
Any Text WCAG AAA ✓ Pass

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

YUV 155.7270, 7.0366, -63.7816 Background



This preview shows how black text looks on a background with the YUV color 155.7270, 7.0366, -63.7816.



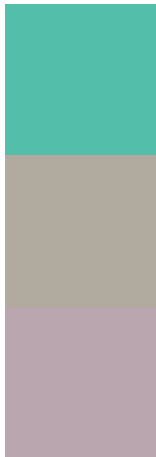
This preview shows how white text looks on a background with the YUV color 155.7270, 7.0366,

-63.7816.

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

155.7270, 7.0366, -63.7816

Protanopia

171.4260, -6.1260, 4.8884

Deuteranopia

173.0060, 0.9830, 11.3957



Tritanopia

160.2020, 20.1134, -58.0592

Trichromacy



Original Color

155.7270, 7.0366, -63.7816



Protanomaly

165.8250, -1.3927, -20.0175



Deuteranomaly

166.9980, 2.9590, -15.7842



Tritanomaly

158.3390, 15.6089, -59.9333

Monochromacy



Original Color

155.7270, 7.0366, -63.7816



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.5410, 2.6913, -23.2765

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7270, 7.0366, -63.7816 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(83, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(83, 190, 170)  
}
```

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(83, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 190, 170) }
```

Border

The CSS property to change the border of an element to YUV 155.7270, 7.0366, -63.7816 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(83, 190, 170) }
```


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

```
.border{ border-color:rgb(83, 190, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 190, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(83, 190,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 155.7270, 7.0366, -63.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 190, 170) }
```

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

```
.background{ background-color: rgb(83, 190,  
170) }
```

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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