

Converting Colors

YUV(155.8110, 16.3622,
-68.2402)

Have a look what the booklet for
YUV(155.8110, 16.3622, -68.2402)
contains.

YUV(155.8110, 16.3622, -68.2402)	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(155.8110, 16.3622,
-68.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	4EBDBD
RGB	78, 189, 189
RGB Percent	31%, 74%, 74%
CMY	0.6941, 0.2588, 0.2588
CMYK	0.59, 0.00, 0.00, 0.26
HSL	180°, 46%, 52%
HSV	180°, 59%, 74%
XYZ	30.5248, 41.6890, 54.5821
YIQ	155.8110, -66.1560, -23.5320

Conversions

Conversions Part 2

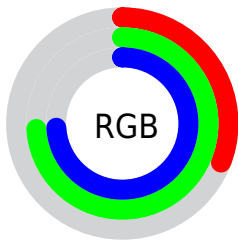
Format	Color
RYB	78, 134, 189
Decimal	5160381
CIELab	70.66, -31.11, -9.47
CIELCh	71, 32.520, 196.929
Yxy	41.6890, 0.2407, 0.3288
Android (android.graphics.Color)	4283350461 (0xFF4EBDBD)
YUV	155.8110, 16.3622, -68.2402
Hunter-Lab	64.5670, -28.6044, -4.9242

Details

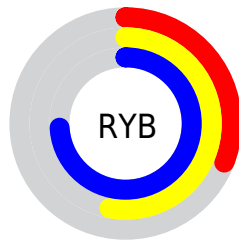
The YUV color **155.8110, 16.3622, -68.2402** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **111.1890, -16.3622, 68.2402**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5940, 15.4832, -66.2959**, and **94.7490, 20.3367, -83.0949** is the 20% darker color. If you saturate the color by 10%, you get **150.1300, 19.1629, -79.9210**, and if you desaturate by 10%, it is **161.4920, 13.5614, -56.5595**.

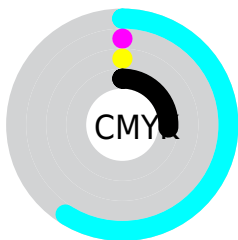
Distribution



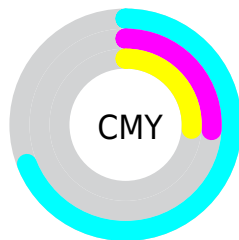
- Red (31%)
- Green (74%)
- Blue (74%)



- Red (31%)
- Yellow (53%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8110, 16.3622, -68.2402 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 155.8110, 16.3622, -68.2402 by changing the saturation by 10% instead.

■ 155.8110, 16.3622,
-68.2402

■ 155.8110, 16.3622,
-68.2402

■ 255.0000, 0.0000,
0.0000

■ 126.4190, 17.5414,
-73.1585

■ 213.5940, 15.4832,
-66.2959

■ 94.7490, 20.3367,
-83.0949

■ 228.9870, 12.8244,
-53.4856

■ 76.5230, 16.5042,
-67.1107

■ 237.6580, 8.5496,
-35.6571

■ 59.6990, 12.9664,
-52.3560

■ 246.6280, 4.1274,
-17.2138

■ 42.9890, 9.8654,
-37.7014

■ 27.5670, 6.6225,
-24.1763

■ 5.9160, 7.4364,

-5.1883

■ 0.0000, 0.0000,
0.0000

■ 155.8110, 16.3622,
-68.2402

■ 155.8110, 16.3622,
-68.2402

■ 150.1300, 19.1629,
-79.9210

■ 161.4920, 13.5614,
-56.5595

■ 144.4490, 21.9636,
-91.6018

■ 167.1730, 10.7607,
-44.8787

■ 138.7680, 24.7644,
-103.2825

■ 172.8540, 7.9600,
-33.1980

■ 133.0870, 27.5651,
-114.9633

■ 178.5350, 5.1592,
-21.5172

■ 132.4890, 27.8599,
-116.1929

■ 184.2160, 2.3585,
-9.8364

■ 189.5980, -0.2948,
1.2296

■ 195.2790, -3.0955,
12.9103

■ 200.9600, -5.8963,
24.5911

■ 206.6410, -8.6970,
36.2718

Harmonies

Analogous

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



160.6600, -1.3114, -46.1828



155.8110, 16.3622, -68.2402



156.7150, 28.7345, -69.9101

Triad

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



155.8110, 16.3622, -68.2402



176.5180, 17.9856, 17.9627



172.5480, -27.8782, 28.4604

Complementary

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



155.8110, 16.3622, -68.2402



111.1890, -16.3622, 68.2402

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.



174.3680, -21.3804, 44.4043



155.8110, 16.3622, -68.2402



177.2190, 4.8220, 40.1499

Square

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



155.8110, 16.3622, -68.2402



173.1380, 27.5400, -13.2760



175.9030, -9.3192, 49.1971



169.1600, -26.2079, 5.9987

Rectangle

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



155.8110, 16.3622, -68.2402



162.3130, 31.8907, -55.5255



175.9030, -9.3192, 49.1971



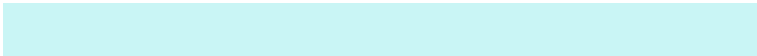
172.9340, -26.5895, 35.1379

Sweetspot

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



155.8110, 16.3622, -68.2402



231.8440, 6.4859, -27.0502



143.1570, -32.1224, -57.1427



113.9270, 3.9800, -16.5990



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



155.8110, 16.3622, -68.2402



193.5720, 25.3540, -105.7416



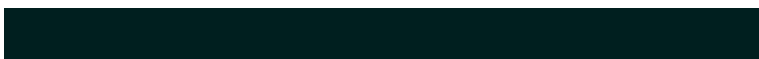
123.5260, 32.2787, -39.9263



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



123.8430, 32.1224, 57.1427



144.0360, 49.7753, 88.5454



144.0610, -32.5681, 39.4115



88.7170, 2.6045, 4.6332



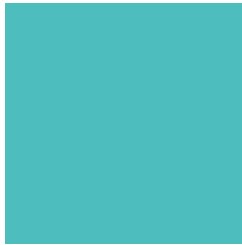
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 155.8110, 16.3622, -68.2402 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 155.8110, 16.3622, -68.2402 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

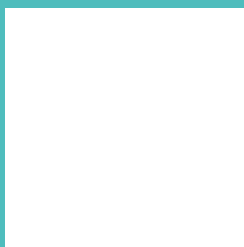
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.8110, 16.3622, -68.2402

Background



This preview shows how black text looks on a background with the YUV color 155.8110, 16.3622, -68.2402.

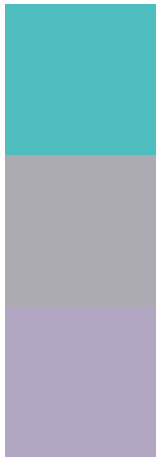


This preview shows how white text looks on a background with the YUV color 155.8110, 16.3622, -68.2402.

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

155.8110, 16.3622, -68.2402

Protanopia

172.3960, 2.7628, 0.5297

Deuteranopia

173.3670, 10.1721, 4.0631



Tritanopia

157.9130, 21.7349, -64.8217

Trichromacy



Original Color

155.8110, 16.3622, -68.2402

Protanomaly

166.4960, 7.6435, -24.9910

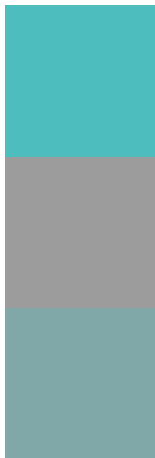
Deuteranomaly

167.0710, 12.2900, -21.9873

Tritanomaly

157.3320, 19.5563, -66.0662

Monochromacy



Original Color

155.8110, 16.3622, -68.2402

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0400, 5.8963, -24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8110, 16.3622, -68.2402 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(78, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(78, 189, 189)  
}
```

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(78, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 189, 189) }
```

Border

The CSS property to change the border of an element to YUV 155.8110, 16.3622, -68.2402 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(78, 189, 189) }
```


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

```
.border{ border-color:rgb(78, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(78, 189,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 155.8110, 16.3622, -68.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 189, 189) }
```

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

```
.background{ background-color: rgb(78, 189,  
189) }
```

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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