

Converting Colors

YUV(155.0250, 15.2707,
-44.7489)

Have a look what the booklet for
YUV(155.0250, 15.2707, -44.7489)
contains.

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Color

**YUV(155.0250, 15.2707,
-44.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	68AFBA
RGB	104, 175, 186
RGB Percent	41%, 69%, 73%
CMY	0.5922, 0.3137, 0.2706
CMYK	0.44, 0.06, 0.00, 0.27
HSL	188°, 37%, 57%
HSV	188°, 44%, 73%
XYZ	29.9018, 37.1482, 52.0487
YIQ	155.0250, -45.8470, -11.6310

Conversions

Conversions Part 2

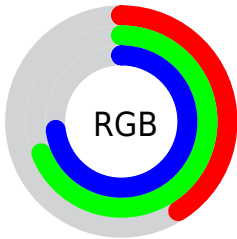
Format	Color
RYB	104, 142, 186
Decimal	6860730
CIELab	67.39, -19.37, -12.61
CIElCh	67, 23.112, 213.057
Yxy	37.1482, 0.2511, 0.3119
Android (android.graphics.Color)	4285050810 (0xFF68AFBA)
YUV	155.0250, 15.2707, -44.7489
Hunter-Lab	60.9493, -19.0889, -7.9672

Details

The YUV color **155.0250, 15.2707, -44.7489** is a light color, and the websafe version is hex **669999**. A complement of this color would be **134.9750, -15.2707, 44.7489**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7260, 15.4181, -45.3637**, and **101.1280, 15.7129, -46.5933** is the 20% darker color. If you saturate the color by 10%, you get **148.1700, 18.6502, -55.4001**, and if you desaturate by 10%, it is **161.8800, 11.8912, -34.0978**.

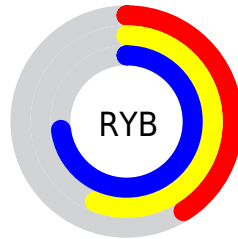
Distribution



Red (41%)

Green (69%)

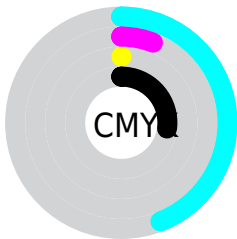
Blue (73%)



Red (41%)

Yellow (56%)

Blue (73%)

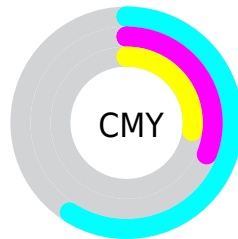


Cyan (44%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (59%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0250, 15.2707, -44.7489 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 155.0250, 15.2707, -44.7489 by changing the saturation by 10% instead.

■ 155.0250, 15.2707,
-44.7489

■ 155.0250, 15.2707,
-44.7489

255.0000, 0.0000,
0.0000

■ 127.7260, 15.4181,
-45.3637

■ 210.7260, 15.4181,
-45.3637

■ 101.1280, 15.7129,
-46.5933

■ 234.9670, 9.8763,
-41.1901

■ 72.2410, 17.6292,
-54.5854

■ 243.3390, 5.7489,
-23.9763

■ 52.3130, 15.1287,
-45.8785

■ 252.3090, 1.3267,
-5.5330

■ 36.1900, 11.7383,
-31.7386

■ 22.0560, 8.3534,
-19.3431

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 155.0250, 15.2707,
-44.7489

■ 155.0250, 15.2707,
-44.7489

■ 148.1700, 18.6502,
-55.4001

■ 161.8800, 11.8912,
-34.0978

■ 141.0270, 22.1717,
-64.9217

■ 169.0230, 8.3697,
-24.5762

■ 134.1720, 25.5512,
-75.5728

■ 175.8780, 4.9901,
-13.9250

■ 127.0290, 29.0727,
-85.0944

■ 183.0210, 1.4686,
-4.4034

■ 120.1740, 32.4522,
-95.7456

■ 189.8760, -1.9109,
6.2477

■ 115.7110, 34.6525,
-101.4785

■ 197.3180, -5.5798,
16.3841

■ 203.8740, -8.8119,
26.4205

■ 211.3160,
-12.4808, 36.5569

■ 213.0880,
-13.3544, 36.7568

Harmonies

Analogous

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



155.4250, 5.2135, -38.9607



155.0250, 15.2707, -44.7489



157.9750, 21.2113, -36.8121

Triad

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



155.0250, 15.2707, -44.7489



167.7930, 7.4971, 22.1065



162.6260, -19.5356, 12.6060

Complementary

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



155.0250, 15.2707, -44.7489



134.9750, -15.2707, 44.7489

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.



164.7680, -18.1266, 27.3905



155.0250, 15.2707, -44.7489



167.3400, -2.1396, 33.0278

Square

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



155.0250, 15.2707, -44.7489



166.2620, 16.1398, 3.2782



166.4190, -12.0386, 34.7125



160.8410, -15.6976, -5.1226

Rectangle

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



155.0250, 15.2707, -44.7489



160.8670, 21.7576, -25.3164



166.4190, -12.0386, 34.7125



163.5450, -19.9887, 17.9390

Sweetspot

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



155.0250, 15.2707, -44.7489



230.3830, 5.7272, -16.9989



153.3880, -18.9253, -43.3133



115.1450, 3.3795, -10.6512



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.



155.0250, 15.2707, -44.7489



193.7490, 23.7877, -69.9399



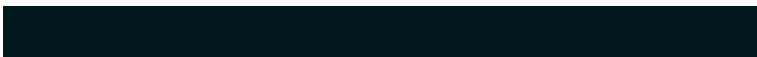
130.9580, 27.1357, -23.6422



88.7220, 1.6161, -5.0182



97.0290, 29.0727, -85.0944



17.2800, 5.2850, -15.1546

Inverse Universe

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



136.6120, 18.9253, 43.3133



164.9260, 29.6165, 67.5939



159.0420, -27.1357, 23.6422



86.6030, 2.1677, 4.7332



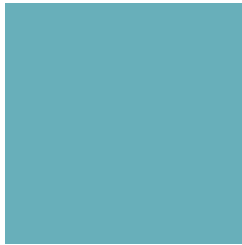
62.0340, 35.9722, 82.4082



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 155.0250, 15.2707, -44.7489 looks on a white background.

Color Contrast Check

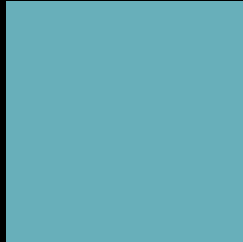
Large Text (above 18pt) WCAG AA × Fail

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 155.0250, 15.2707, -44.7489 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

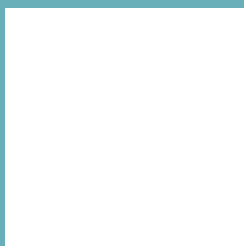
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.0250, 15.2707, -44.7489

Background



This preview shows how black text looks on a background with the YUV color 155.0250, 15.2707, -44.7489.

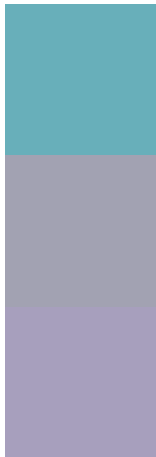


This preview shows how white text looks on a background with the YUV color 155.0250, 15.2707, -44.7489.

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

155.0250, 15.2707, -44.7489

Protanopia

163.8240, 6.9888, -1.5996

Deuteranopia

164.8120, 11.9247, 1.9189



Tritanopia

155.6660, 16.4337, -44.4341

Trichromacy



Original Color

155.0250, 15.2707, -44.7489

Protanomaly

160.8220, 9.9478, -17.3839

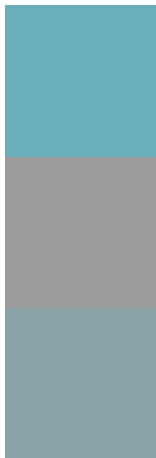
Deuteranomaly

161.3430, 13.1419, -15.2098

Tritanomaly

155.5520, 15.9969, -44.3341

Monochromacy



Original Color

155.0250, 15.2707, -44.7489

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.6820, 5.5798, -16.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0250, 15.2707, -44.7489 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(104, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(104, 175, 186)  
}
```

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(104, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 175, 186) }
```

Border

The CSS property to change the border of an element to YUV 155.0250, 15.2707, -44.7489 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(104, 175, 186) }
```


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

```
.border{ border-color:rgb(104, 175, 186) }
```

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

Here you see how a box with a 4 pixel rgb(104, 175, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(104, 175,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 155.0250, 15.2707, -44.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 175, 186) }
```

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

```
.background{ background-color: rgb(104,  
175, 186) }
```

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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