

Converting Colors

YUV(150.4330, -3.6645,
-38.0907)

Have a look what the booklet for
YUV(150.4330, -3.6645, -38.0907)
contains.

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Color

**YUV(150.4330, -3.6645,
-38.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	6BAE8F
RGB	107, 174, 143
RGB Percent	42%, 68%, 56%
CMY	0.5804, 0.3176, 0.4392
CMYK	0.39, 0.00, 0.18, 0.32
HSL	152°, 29%, 55%
HSV	152°, 39%, 68%
XYZ	26.1574, 35.3811, 31.4372
YIQ	150.4330, -29.9810, -23.8450

Conversions

Conversions Part 2

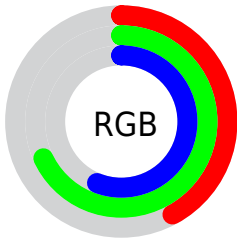
Format	Color
RYB	107, 151, 174
Decimal	7057039
CIELab	66.04, -28.41, 9.27
CIELCh	66, 29.884, 161.933
Yxy	35.3811, 0.2813, 0.3805
Android (android.graphics.Color)	4285247119 (0xFF6BAE8F)
YUV	150.4330, -3.6645, -38.0907
Hunter-Lab	59.4820, -25.5976, 10.3017

Details

The YUV color **150.4330, -3.6645, -38.0907** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **130.5670, 3.6645, 38.0907**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6070, -4.2433, -39.1203**, and **98.0740, -2.5015, -37.7759** is the 20% darker color. If you saturate the color by 10%, you get **144.4380, -4.6529, -47.7421**, and if you desaturate by 10%, it is **156.4280, -2.6760, -28.4394**.

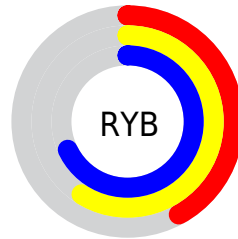
Distribution



Red (42%)

Green (68%)

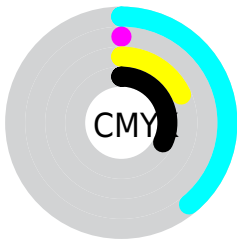
Blue (56%)



Red (42%)

Yellow (59%)

Blue (68%)

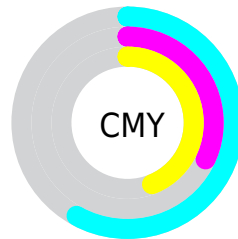


Cyan (39%)

Magenta (0%)

Yellow (18%)

Black (32%)



Cyan (58%)


Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4330, -3.6645, -38.0907 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 150.4330, -3.6645, -38.0907 by changing the saturation by 10% instead.


 150.4330, -3.6645,
-38.0907

 150.4330, -3.6645,
-38.0907


255.0000, 0.0000,
0.0000

 123.8460, -3.3751,
-37.5759


 205.6070, -4.2433,
-39.1203


 98.0740, -2.5015,
-37.7759


 231.8460, -3.3751,
-37.5759


 72.2910, -1.6225,
-39.7202

 243.4100, 4.7279,
-23.1616

 47.6220, -0.3066,
-41.7645

 252.3090, 1.3267,
-5.5330

 31.7270, -2.8234,
-27.8246

 17.0230, -8.3923,
-14.9292

 0.0000, 0.0000,

0.0000

■ 150.4330, -3.6645,
-38.0907

■ 150.4330, -3.6645,
-38.0907

■ 144.4380, -4.6529,
-47.7421

■ 156.4280, -2.6760,
-28.4394

■ 138.1440, -5.4940,
-58.0083

■ 162.7220, -1.8349,
-18.1732

■ 132.1490, -6.4825,
-67.6597

■ 168.7170, -0.8465,
-8.5218

■ 125.8550, -7.3235,
-77.9258

■ 175.0110, -0.0054,
1.7444

■ 119.8600, -8.3120,
-87.5772

■ 181.0060, 0.9830,
11.3957

■ 113.8650, -9.3004,
-97.2286

■ 187.0010, 1.9715,
21.0471

■ 112.7400, -9.7318,
-98.8730

■ 193.2950, 2.8126,
31.3133

■ 199.2900, 3.8010,
40.9647

■ 202.8930, 5.9688,
45.6978

Harmonies

Analogous

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



155.0310, -17.2703, -14.0592



150.4330, -3.6645, -38.0907



145.8400, 12.4039, -58.6187

Triad

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



150.4330, -3.6645, -38.0907



159.7740, 26.2404, -16.4648



162.2690, -17.8806, 41.8601

Complementary

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



150.4330, -3.6645, -38.0907



130.5670, 3.6645, 38.0907

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.



163.3800, -6.1033, 44.3937



150.4330, -3.6645, -38.0907



164.1860, 18.1493, 12.1149

Square

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



150.4330, -3.6645, -38.0907



152.8690, 28.6586, -45.4891



164.3430, 6.7329, 33.9022



160.0580, -24.6786, 28.8901

Rectangle

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



150.4330, -3.6645, -38.0907



145.0980, 21.1507, -64.1069



164.3430, 6.7329, 33.9022



162.7900, -14.6865, 44.0342

Sweetspot

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



150.4330, -3.6645, -38.0907



217.4450, -1.6984, -15.2993



155.5980, -23.9588, -15.4334



109.3040, -1.1359, -9.0366



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



150.4330, -3.6645, -38.0907



190.4320, -5.6360, -59.1379



152.7930, 10.4551, -40.1605



83.8530, -0.4205, -5.1331



97.2840, -8.0280, -85.3181



14.8690, -1.4144, -13.0401

Inverse Universe

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



130.5670, 3.6645, 38.0907



159.5680, 5.6360, 59.1379



128.2070, -10.4551, 40.1605



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 150.4330, -3.6645, -38.0907 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 150.4330, -3.6645, -38.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

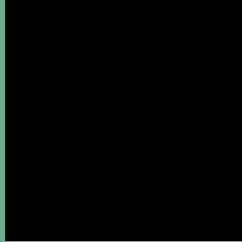
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.4330, -3.6645, -38.0907

Background



This preview shows how black text looks on a background with the YUV color 150.4330, -3.6645, -38.0907.



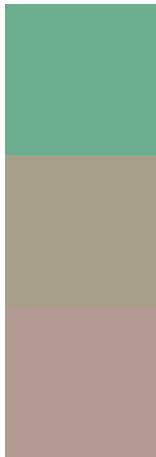
This preview shows how white text looks on a background with the YUV color 150.4330, -3.6645, -38.0907.

-38.0907.

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

150.4330, -3.6645, -38.0907

Protanopia

159.0690, -11.3730, 7.8325

Deuteranopia

160.9760, -6.8902, 16.6840



Tritanopia

154.6350, 13.4909, -33.8829

Trichromacy



Original Color

150.4330, -3.6645, -38.0907

Protanomaly

155.7680, -8.2666, -8.5665

Deuteranomaly

156.8980, -5.3727, -3.4185

Tritanomaly

153.3160, 7.2392, -35.3571

Monochromacy



Original Color

150.4330, -3.6645, -38.0907

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4330, -3.6645, -38.0907 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, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 174, 143)  
}
```

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, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 174, 143) }
```

Border

The CSS property to change the border of an element to YUV 150.4330, -3.6645, -38.0907 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, 174, 143) }
```


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

```
.border{ border-color:rgb(107, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(107, 174,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 150.4330, -3.6645, -38.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 174, 143) }
```

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

```
.background{ background-color: rgb(107,  
174, 143) }
```

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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