

Converting Colors

YUV(145.4650, 14.5608,
-50.3968)

Have a look what the booklet for
YUV(145.4650, 14.5608, -50.3968)
contains.

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Color

**YUV(145.4650, 14.5608,
-50.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	58A9AF
RGB	88, 169, 175
RGB Percent	35%, 66%, 69%
CMY	0.6549, 0.3373, 0.3137
CMYK	0.50, 0.03, 0.00, 0.31
HSL	184°, 35%, 52%
HSV	184°, 50%, 69%
XYZ	25.9503, 33.5458, 45.6647
YIQ	145.4650, -50.2020, -15.3060

Conversions

Conversions Part 2

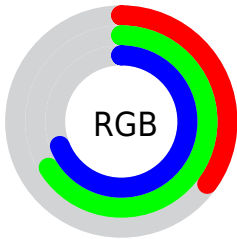
Format	Color
RYB	88, 130, 175
Decimal	5810607
CIELab	64.60, -23.05, -10.74
CIELCh	65, 25.427, 204.983
Yxy	33.5458, 0.2468, 0.3190
Android (android.graphics.Color)	4284000687 (0xFF58A9AF)
YUV	145.4650, 14.5608, -50.3968
Hunter-Lab	57.9187, -21.3813, -6.2027

Details

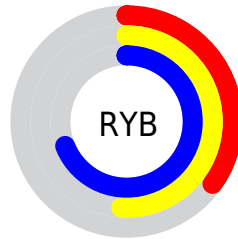
The YUV color **145.4650, 14.5608, -50.3968** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.5350, -14.5608, 50.3968**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7640, 14.4133, -49.7820**, and **90.1760, 16.1822, -57.1594** is the 20% darker color. If you saturate the color by 10%, you get **139.4960, 17.5035, -60.9480**, and if you desaturate by 10%, it is **151.4340, 11.6180, -39.8456**.

Distribution



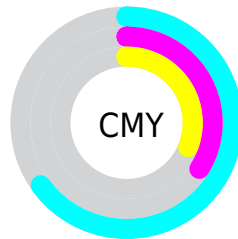
- Red (35%)
- Green (66%)
- Blue (69%)



- Red (35%)
- Yellow (51%)
- Blue (69%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4650, 14.5608, -50.3968 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 145.4650, 14.5608, -50.3968 by changing the saturation by 10% instead.

■ 145.4650, 14.5608,
-50.3968

■ 145.4650, 14.5608,
-50.3968

■ 255.0000, 0.0000,
0.0000

■ 117.8670, 14.8556,
-51.6264

■ 200.7640, 14.4133,
-49.7820

■ 90.1760, 16.1822,
-57.1594

■ 229.0090, 12.8136,
-49.9969

■ 65.1760, 16.1822,
-57.1594

■ 238.8540, 7.9600,
-33.1980

■ 48.3520, 12.6445,
-42.4047

■ 247.5250, 3.6852,
-15.3694

■ 32.2290, 9.2541,
-28.2648

■ 18.6820, 5.5798,
-16.3841

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 145.4650, 14.5608,
-50.3968

■ 145.4650, 14.5608,
-50.3968

■ 139.4960, 17.5035,
-60.9480

■ 151.4340, 11.6180,
-39.8456

■ 133.8260, 20.2988,
-70.8844

■ 157.1040, 8.8227,
-29.9092

■ 127.2700, 23.5309,
-80.9208

■ 163.3610, 5.7380,
-20.4876

■ 121.6000, 26.3262,
-90.8572

■ 169.3300, 2.7953,
-9.9364

■ 115.6310, 29.2689,
-101.4084

■ 175.2990, -0.1474,
0.6148

■ 180.9690, -2.9427,
10.5512

■ 186.9380, -5.8854,
21.1024

■ 193.1950, -8.9701,
30.5240

■ 199.1640,
-11.9129, 41.0752

Harmonies

Analogous

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



147.0290, 2.4507, -39.4904



145.4650, 14.5608, -50.3968



148.1480, 22.1120, -45.7338

Triad

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



145.4650, 14.5608, -50.3968



160.3950, 11.1443, 18.9476



156.0890, -21.7359, 18.3389

Complementary

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



145.4650, 14.5608, -50.3968



117.5350, -14.5608, 50.3968

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.



157.3880, -18.4323, 32.1087



145.4650, 14.5608, -50.3968



160.0350, 0.4757, 34.1723

Square

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



145.4650, 14.5608, -50.3968



158.1410, 19.6505, -2.7547



159.3100, -10.0128, 38.3161



153.3640, -18.9135, -0.3192

Rectangle

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



145.4650, 14.5608, -50.3968



151.3820, 23.9687, -34.5380



159.3100, -10.0128, 38.3161



156.2360, -21.3153, 23.4720

Sweetspot

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



145.4650, 14.5608, -50.3968



215.6600, 5.5906, -19.8728



139.7530, -22.5562, -45.3874



107.5470, 3.6743, -11.8807



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.



145.4650, 14.5608, -50.3968



181.0530, 22.6519, -78.9765



120.2240, 27.0046, -28.2604



83.7220, 1.6161, -5.0182



99.2800, 25.0050, -87.0686



14.9490, 3.9691, -13.1103

Inverse Universe

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



123.2470, 22.5562, 45.3874



146.1420, 35.4260, 70.9125



142.7760, -27.0046, 28.2604



81.6030, 2.1677, 4.7332



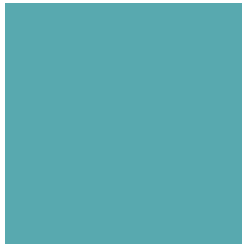
60.8100, 39.0407, 78.2196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 145.4650, 14.5608, -50.3968 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 145.4650, 14.5608, -50.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

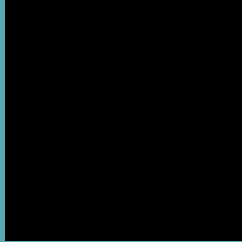
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.4650, 14.5608, -50.3968

Background



This preview shows how black text looks on a background with the YUV color 145.4650, 14.5608, -50.3968.



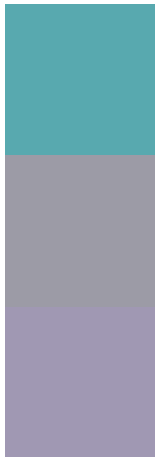
This preview shows how white text looks on a background with the YUV color 145.4650, 14.5608, -50.3968.

-50.3968.

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

145.4650, 14.5608, -50.3968

Protanopia

156.5530, 4.6574, -0.4850

Deuteranopia

157.4700, 10.6143, 2.2188



Tritanopia

146.2740, 17.6129, -49.3523

Trichromacy



Original Color

145.4650, 14.5608, -50.3968

Protanomaly

152.3550, 8.2060, -18.7283

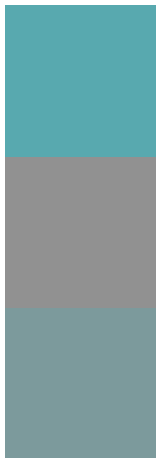
Deuteranomaly

153.1040, 12.2737, -16.7542

Tritanomaly

145.6330, 16.4499, -49.6671

Monochromacy



Original Color

145.4650, 14.5608, -50.3968

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.2580, 5.2958, -18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4650, 14.5608, -50.3968 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(88, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(88, 169, 175)  
}
```

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(88, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 169, 175) }
```

Border

The CSS property to change the border of an element to YUV 145.4650, 14.5608, -50.3968 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(88, 169, 175) }
```


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

```
.border{ border-color:rgb(88, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(88, 169,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 145.4650, 14.5608, -50.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 169, 175) }
```

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

```
.background{ background-color: rgb(88, 169,  
175) }
```

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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