

Converting Colors

YUV(145.4560, 8.1562,
-49.5119)

Have a look what the booklet for
YUV(145.4560, 8.1562, -49.5119)
contains.

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Color

**YUV(145.4560, 8.1562,
-49.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	59ABA2
RGB	89, 171, 162
RGB Percent	35%, 67%, 64%
CMY	0.6510, 0.3294, 0.3647
CMYK	0.48, 0.00, 0.05, 0.33
HSL	173°, 33%, 51%
HSV	173°, 48%, 67%
XYZ	25.2043, 33.8583, 39.3893
YIQ	145.4560, -45.9830, -20.1830

Conversions

Conversions Part 2

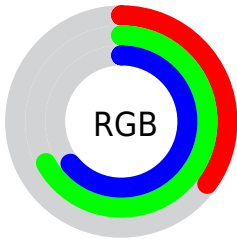
Format	Color
RYB	89, 132, 171
Decimal	5876642
CIELab	64.85, -27.26, -3.11
CIELCh	65, 27.438, 186.509
Yxy	33.8583, 0.2560, 0.3439
Android (android.graphics.Color)	4284066722 (0xFF59ABA2)
YUV	145.4560, 8.1562, -49.5119
Hunter-Lab	58.1879, -24.5108, 0.5961

Details

The YUV color **145.4560, 8.1562, -49.5119** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **114.5440, -8.1562, 49.5119**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0430, 7.8668, -50.0267**, and **90.4770, 9.6248, -53.9153** is the 20% darker color. If you saturate the color by 10%, you get **140.1450, 9.7885, -59.7632**, and if you desaturate by 10%, it is **150.7670, 6.5239, -39.2607**.

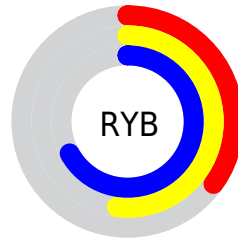
Distribution



Red (35%)

Green (67%)

Blue (64%)



Red (35%)

Yellow (52%)

Blue (67%)

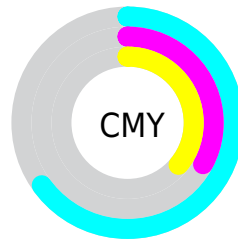


Cyan (48%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4560, 8.1562, -49.5119 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 145.4560, 8.1562, -49.5119 by changing the saturation by 10% instead.

■ 145.4560, 8.1562,
-49.5119

■ 145.4560, 8.1562,
-49.5119

■ 255.0000, 0.0000,
0.0000

■ 118.2710, 8.7404,
-50.2267

■ 201.0430, 7.8668,
-50.0267

■ 90.4770, 9.6248,
-53.9153

■ 229.0430, 7.8668,
-50.0267

■ 64.3950, 10.6513,
-56.4744

■ 238.8540, 7.9600,
-33.1980

■ 47.6850, 7.5503,
-41.8197

■ 247.5250, 3.6852,
-15.3694

■ 31.6760, 4.5967,
-27.7799

■ 17.6560, 1.6486,
-15.4843

■ 0.0000, 0.0000,

0.0000

■ 145.4560, 8.1562,
-49.5119

■ 145.4560, 8.1562,
-49.5119

■ 140.1450, 9.7885,
-59.7632

■ 150.7670, 6.5239,
-39.2607

■ 134.8340, 11.4208,
-70.0144

■ 156.0780, 4.8915,
-29.0094

■ 129.5230, 13.0532,
-80.2657

■ 161.3890, 3.2592,
-18.7582

■ 124.2120, 14.6855,
-90.5169

■ 166.7000, 1.6269,
-8.5069

■ 119.0150, 16.7546,
-100.8682

■ 171.8970, -0.4422,
1.8443

■ 117.7050, 16.9074,
-103.2273

■ 177.5070, -2.2220,
12.7104

■ 182.8180, -3.8543,
22.9616

■ 188.1290, -5.4866,
33.2129

■ 193.4400, -7.1189,
43.4641

Harmonies

Analogous

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



148.9070, -5.8702, -30.6134



145.4560, 8.1562, -49.5119



144.9140, 20.2554, -56.9296

Triad

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



145.4560, 8.1562, -49.5119



160.1530, 18.1656, 6.8818



157.4540, -21.9158, 29.4198

Complementary

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



145.4560, 8.1562, -49.5119



114.5440, -8.1562, 49.5119

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.



159.0560, -14.8176, 39.4159



145.4560, 8.1562, -49.5119



161.2390, 7.7702, 27.8544

Square

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



145.4560, 8.1562, -49.5119



155.9970, 24.6515, -20.1684



160.6290, -3.7611, 39.7904



155.5890, -23.4614, 11.7614

Rectangle

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



145.4560, 8.1562, -49.5119



147.3970, 24.4543, -50.3372



160.6290, -3.7611, 39.7904



158.5300, -20.4743, 33.7382

Sweetspot

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



145.4560, 8.1562, -49.5119



212.2750, 2.8224, -18.6582



140.1240, -25.2041, -36.0657



106.0910, 1.9271, -11.4808



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



145.4560, 8.1562, -49.5119



181.8330, 12.9003, -77.9065



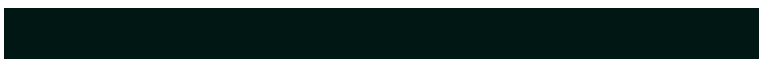
128.2850, 21.0585, -34.4529



84.1950, 0.8899, -5.4330



103.3260, 15.1223, -90.6169



15.7810, 2.0800, -13.8399

Inverse Universe

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



114.5440, -8.1562, 49.5119



133.1670, -12.9003, 77.9065



131.7150, -21.0585, 34.4529



80.8050, -0.8899, 5.4330



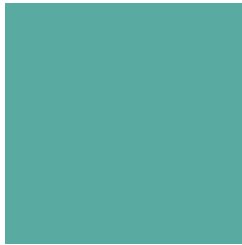
46.7880, -14.6855, 90.5169



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 145.4560, 8.1562, -49.5119 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 145.4560, 8.1562, -49.5119 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

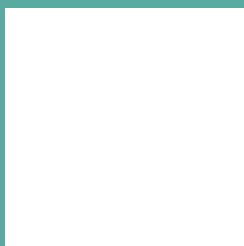
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.4560, 8.1562, -49.5119

Background



This preview shows how black text looks on a background with the YUV color 145.4560, 8.1562, -49.5119.

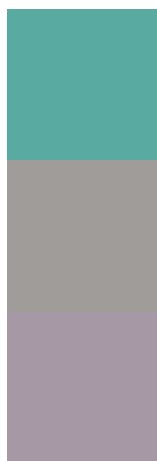


This preview shows how white text looks on a background with the YUV color 145.4560, 8.1562,

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

145.4560, 8.1562, -49.5119

Protanopia

156.8540, -1.9000, 2.7590

Deuteranopia

158.0810, 3.9041, 7.8220



Tritanopia

147.7690, 16.8759, -46.2784

Trichromacy



Original Color

145.4560, 8.1562, -49.5119

Protanomaly

152.3570, 1.7960, -16.0991

Deuteranomaly

153.7040, 5.5689, -12.8954

Tritanomaly

146.9600, 13.8237, -47.3229

Monochromacy



Original Color

145.4560, 8.1562, -49.5119

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4560, 8.1562, -49.5119 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(89, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(89, 171, 162)  
}
```

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(89, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 171, 162) }
```

Border

The CSS property to change the border of an element to YUV 145.4560, 8.1562, -49.5119 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(89, 171, 162) }
```


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

```
.border{ border-color:rgb(89, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(89, 171,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 145.4560, 8.1562, -49.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 171, 162) }
```

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

```
.background{ background-color: rgb(89, 171,  
162) }
```

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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