

Converting Colors

YUV(145.8030, 8.4781,
-59.4632)

Have a look what the booklet for
YUV(145.8030, 8.4781, -59.4632)
contains.

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Color

**YUV(145.8030, 8.4781,
-59.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB1A3
RGB	78, 177, 163
RGB Percent	31%, 69%, 64%
CMY	0.6941, 0.3059, 0.3608
CMYK	0.56, 0.00, 0.08, 0.31
HSL	172°, 39%, 50%
HSV	172°, 56%, 69%
XYZ	25.4749, 35.7083, 40.2001
YIQ	145.8030, -54.5100, -25.3420

Conversions

Conversions Part 2

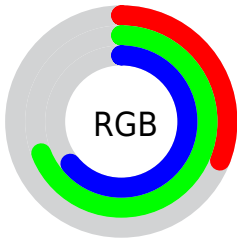
Format	Color
RYB	78, 131, 177
Decimal	5157283
CIELab	66.30, -32.35, -1.59
CIElCh	66, 32.390, 182.810
Yxy	35.7083, 0.2513, 0.3522
Android (android.graphics.Color)	4283347363 (0xFF4EB1A3)
YUV	145.8030, 8.4781, -59.4632
Hunter-Lab	59.7564, -28.4771, 1.9432

Details

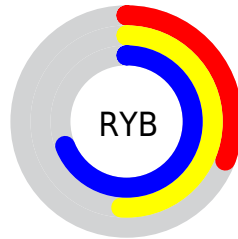
The YUV color **145.8030, 8.4781, -59.4632** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **109.1970, -8.4781, 59.4632**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9880, 7.8939, -58.7485**, and **85.4420, 12.6001, -74.9326** is the 20% darker color. If you saturate the color by 10%, you get **140.0790, 9.8211, -70.2293**, and if you desaturate by 10%, it is **151.5270, 7.1352, -48.6972**.

Distribution



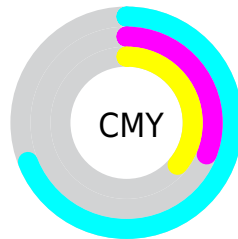
- Red (31%)
- Green (69%)
- Blue (64%)



- Red (31%)
- Yellow (51%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8030, 8.4781, -59.4632 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 145.8030, 8.4781, -59.4632 by changing the saturation by 10% instead.

■ 145.8030, 8.4781,
-59.4632

■ 145.8030, 8.4781,
-59.4632

■ 255.0000, 0.0000,
0.0000

■ 117.7210, 9.5045,
-62.0223

■ 201.9880, 7.8939,
-58.7485

■ 85.4420, 12.6001,
-74.9326

■ 226.7650, 9.4829,
-55.0449

■ 67.4440, 9.6411,
-59.1484

■ 236.4620, 9.1392,
-38.1162

■ 50.7340, 6.5401,
-44.4937

■ 245.1330, 4.8644,
-20.2876

■ 34.7250, 3.5866,
-30.4538

■ 254.1030, 0.4422,
-1.8443

■ 20.7050, 0.6384,
-18.1583

■ 0.0000, 0.0000,

0.0000

■ 145.8030, 8.4781,
-59.4632

■ 145.8030, 8.4781,
-59.4632

■ 140.0790, 9.8211,
-70.2293

■ 151.5270, 7.1352,
-48.6972

■ 134.7680, 11.4534,
-80.4805

■ 156.8380, 5.5029,
-38.4459

■ 129.0440, 12.7963,
-91.2466

■ 162.5620, 4.1599,
-27.6799

■ 123.4340, 14.5760,
-102.1126

■ 168.1720, 2.3802,
-16.8138

■ 121.2270, 15.1711,
-106.3161

■ 173.8960, 1.0373,
-6.0478

■ 179.2070, -0.5951,
4.2035

■ 184.9310, -1.9380,
14.9695

■ 190.5410, -3.7177,
25.8355

■ 195.9660, -4.9132,
35.9868

Harmonies

Analogous

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



151.7880, -8.7695, -34.0171



145.8030, 8.4781, -59.4632



142.2430, 24.5302, -74.7581

Triad

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



145.8030, 8.4781, -59.4632



164.2820, 22.5390, 4.1377



161.2870, -25.2845, 36.5823

Complementary

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



145.8030, 8.4781, -59.4632



109.1970, -8.4781, 59.4632

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.



163.1710, -15.8603, 47.2080



145.8030, 8.4781, -59.4632



165.1730, 11.2537, 30.5433

Square

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



145.8030, 8.4781, -59.4632



158.0220, 30.0622, -28.9603



164.6020, -2.7618, 45.9530



158.8840, -27.5508, 16.7647

Rectangle

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



145.8030, 8.4781, -59.4632



145.7800, 30.1815, -67.3361



164.6020, -2.7618, 45.9530



162.0040, -22.6800, 41.2155

Sweetspot

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



145.8030, 8.4781, -59.4632



217.3560, 3.2755, -23.9912



140.5980, -30.8608, -41.7434



107.7810, 2.0800, -13.8399



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.



145.8030, 8.4781, -59.4632



181.4460, 13.0911, -92.4761



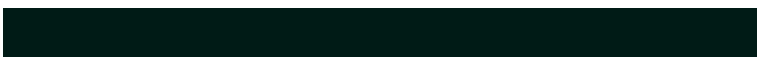
126.8540, 24.7220, -42.8450



86.1950, 0.8899, -5.4330



104.7450, 12.9437, -91.8614



17.7700, 2.0854, -15.5843

Inverse Universe

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



109.1970, -8.4781, 59.4632



124.4400, -13.5279, 92.5761



128.1460, -24.7220, 42.8450



82.9190, -0.4531, 5.3330



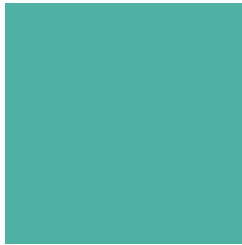
48.2550, -12.9437, 91.8614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 145.8030, 8.4781, -59.4632 looks on a white background.

Color Contrast Check

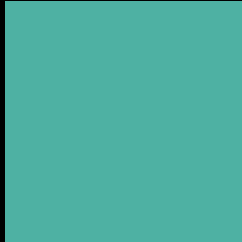
Large Text (above 18pt) WCAG AA × Fail

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 145.8030, 8.4781, -59.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

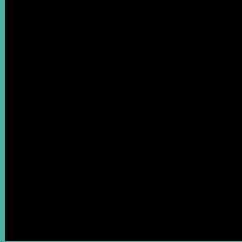
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.8030, 8.4781, -59.4632

Background



This preview shows how black text looks on a background with the YUV color 145.8030, 8.4781, -59.4632.



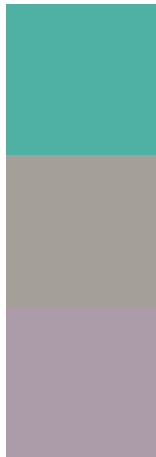
This preview shows how white text looks on a background with the YUV color 145.8030, 8.4781, -59.4632.

-59.4632.

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

145.8030, 8.4781, -59.4632

Protanopia

160.1100, -3.5052, 4.2885

Deuteranopia

161.5650, 3.1725, 9.1515



Tritanopia

148.8820, 18.7922, -54.2705

Trichromacy



Original Color

145.8030, 8.4781, -59.4632

Protanomaly

155.1070, 0.9332, -19.3878

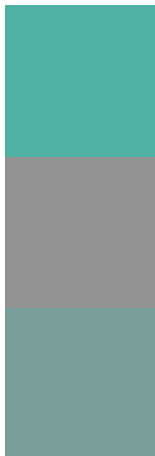
Deuteranomaly

155.8670, 4.9956, -15.6694

Tritanomaly

147.5460, 15.0138, -55.7298

Monochromacy



Original Color

145.8030, 8.4781, -59.4632

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6660, 3.1227, -21.6321

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8030, 8.4781, -59.4632 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, 177, 163)` looks like.

```
.text, #text, p{  
    color:rgb(78, 177, 163)  
}
```

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, 177, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 177, 163) }
```

Border

The CSS property to change the border of an element to YUV 145.8030, 8.4781, -59.4632 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, 177, 163) }
```


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

```
.border{ border-color:rgb(78, 177, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 177, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 177, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 177, 163);  
box-shadow:4px 4px 4px 4px rgb(78, 177,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 145.8030, 8.4781, -59.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 177, 163) }
```

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

```
.background{ background-color: rgb(78, 177,  
163) }
```

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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