

Converting Colors

YUV(147.7350, 18.3716,
-59.4036)

Have a look what the booklet for
YUV(147.7350, 18.3716, -59.4036)
contains.

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Color

**YUV(147.7350, 18.3716,
-59.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	50AFB9
RGB	80, 175, 185
RGB Percent	31%, 69%, 73%
CMY	0.6863, 0.3137, 0.2745
CMYK	0.57, 0.05, 0.00, 0.27
HSL	186°, 43%, 52%
HSV	186°, 57%, 73%
XYZ	27.3952, 35.8682, 51.3783
YIQ	147.7350, -59.8300, -17.0300

Conversions

Conversions Part 2

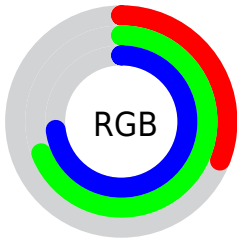
Format	Color
RYB	80, 130, 185
Decimal	5287865
CIELab	66.42, -24.97, -13.60
CIELCh	66, 28.439, 208.576
Yxy	35.8682, 0.2390, 0.3129
Android (android.graphics.Color)	4283477945 (0xFF50AFB9)
YUV	147.7350, 18.3716, -59.4036
Hunter-Lab	59.8901, -23.1573, -8.9405

Details

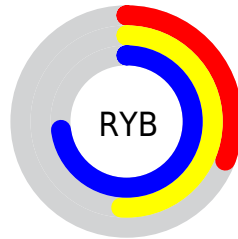
The YUV color **147.7350, 18.3716, -59.4036** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.2650, -18.3716, 59.4036**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3330, 18.0768, -58.1740**, and **86.6620, 22.3516, -76.0026** is the 20% darker color. If you saturate the color by 10%, you get **140.8800, 21.7512, -70.0548**, and if you desaturate by 10%, it is **154.5900, 14.9921, -48.7524**.

Distribution



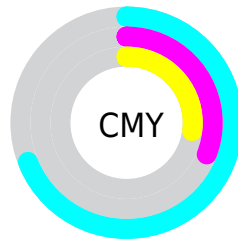
- Red (31%)
- Green (69%)
- Blue (73%)



- Red (31%)
- Yellow (51%)
- Blue (73%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7350, 18.3716, -59.4036 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 147.7350, 18.3716, -59.4036 by changing the saturation by 10% instead.

■ 147.7350, 18.3716,
-59.4036

■ 147.7350, 18.3716,
-59.4036

■ 255.0000, 0.0000,
0.0000

■ 119.2400, 19.1087,
-62.4775

■ 204.3330, 18.0768,
-58.1740

■ 86.6620, 22.3516,
-76.0026

■ 228.6880, 12.9718,
-54.1004

■ 69.1370, 18.6665,
-60.6331

■ 237.3590, 8.6970,
-36.2718

■ 52.3130, 15.1287,
-45.8785

■ 246.3290, 4.2748,
-17.8285

■ 36.1900, 11.7383,
-31.7386

■ 22.5290, 7.6272,
-19.7579

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 147.7350, 18.3716,
-59.4036

■ 147.7350, 18.3716,
-59.4036

■ 140.8800, 21.7512,
-70.0548

■ 154.5900, 14.9921,
-48.7524

■ 134.3240, 24.9833,
-80.0911

■ 161.1460, 11.7600,
-38.7160

■ 128.0560, 28.0734,
-91.2571

■ 167.4140, 8.6699,
-27.5501

■ 121.5000, 31.3055,
-101.2935

■ 173.9700, 5.4378,
-17.5137

■ 119.1190, 32.4793,
-104.4674

■ 180.8250, 2.0583,
-6.8625

■ 187.3810, -1.1738,
3.1739

■ 193.6490, -4.2640,
14.3398

■ 200.2050, -7.4961,
24.3762

■ 206.7610,
-10.7282, 34.4126

Harmonies

Analogous

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



150.1420, 4.3670, -47.4825



147.7350, 18.3716, -59.4036



151.4400, 25.9121, -51.2519

Triad

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



147.7350, 18.3716, -59.4036



165.5420, 11.5648, 24.0807



159.9920, -24.6461, 18.4240

Complementary

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



147.7350, 18.3716, -59.4036



117.2650, -18.3716, 59.4036

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.



162.3020, -21.3479, 33.9381



147.7350, 18.3716, -59.4036



165.4270, -0.7035, 39.0905

Square

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



147.7350, 18.3716, -59.4036



163.5050, 20.9500, 0.4341



163.6480, -12.6445, 42.4047



157.2990, -20.3604, -2.8932

Rectangle

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



147.7350, 18.3716, -59.4036



156.1690, 27.0317, -36.9822



163.6480, -12.6445, 42.4047



161.1390, -24.2255, 23.5571

Sweetspot

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



147.7350, 18.3716, -59.4036



225.3930, 7.2013, -23.1467



142.6610, -26.4549, -54.9537



111.6500, 4.1165, -13.7251



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



147.7350, 18.3716, -59.4036



181.8710, 28.6576, -91.9719



117.7980, 33.1306, -33.1488



88.7220, 1.6161, -5.0182



100.5510, 27.3364, -88.1832



17.8670, 4.9956, -15.6694

Inverse Universe

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



122.2250, 26.0181, 55.0537



142.4950, 40.1820, 85.5119



147.2020, -33.1306, 33.1488



86.6030, 2.1677, 4.7332



62.7180, 38.5930, 81.8083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 147.7350, 18.3716, -59.4036 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 147.7350, 18.3716, -59.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

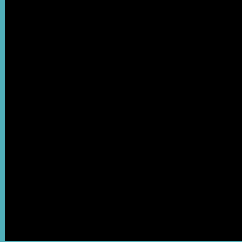
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.7350, 18.3716, -59.4036

Background



This preview shows how black text looks on a background with the YUV color 147.7350, 18.3716, -59.4036.

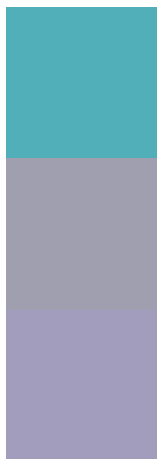


This preview shows how white text looks on a background with the YUV color 147.7350, 18.3716, -59.4036.

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

147.7350, 18.3716, -59.4036

Protanopia

160.8240, 6.9888, -1.5996

Deuteranopia

162.1430, 13.2405, -0.1254



Tritanopia

147.9030, 20.2608, -58.6739

Trichromacy



Original Color

147.7350, 18.3716, -59.4036

Protanomaly

156.1310, 11.2744, -22.9169

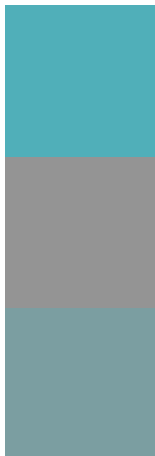
Deuteranomaly

157.1680, 15.2002, -22.0723

Tritanomaly

147.7890, 19.8240, -58.5740

Monochromacy



Original Color

147.7350, 18.3716, -59.4036

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8770, 6.4696, -21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7350, 18.3716, -59.4036 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(80, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(80, 175, 185)  
}
```

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(80, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 175, 185) }
```

Border

The CSS property to change the border of an element to YUV 147.7350, 18.3716, -59.4036 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

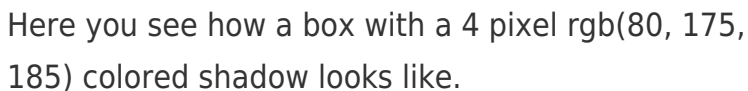
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 175, 185) }
```


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

```
.border{ border-color:rgb(80, 175, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(80, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(80, 175,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 147.7350, 18.3716, -59.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 175, 185) }
```

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

```
.background{ background-color: rgb(80, 175,  
185) }
```

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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