

Converting Colors

YUV(149.3390, 15.6089,
-59.9333)

Have a look what the booklet for
YUV(149.3390, 15.6089, -59.9333)
contains.

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Color

**YUV(149.3390, 15.6089,
-59.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	51B2B5
RGB	81, 178, 181
RGB Percent	32%, 70%, 71%
CMY	0.6824, 0.3020, 0.2902
CMYK	0.55, 0.02, 0.00, 0.29
HSL	182°, 40%, 51%
HSV	182°, 55%, 71%
XYZ	27.6542, 36.9263, 49.3860
YIQ	149.3390, -58.7750, -19.6310

Conversions

Conversions Part 2

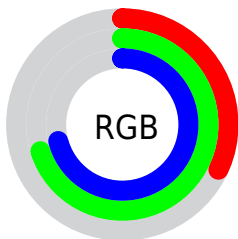
Format	Color
RYB	81, 130, 181
Decimal	5354165
CIELab	67.22, -27.40, -10.18
CIElCh	67, 29.227, 200.385
Yxy	36.9263, 0.2427, 0.3240
Android (android.graphics.Color)	4283544245 (0xFF51B2B5)
YUV	149.3390, 15.6089, -59.9333
Hunter-Lab	60.7670, -25.1094, -5.6487

Details

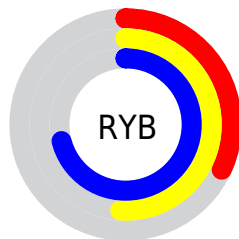
The YUV color **149.3390, 15.6089, -59.9333** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **112.6610, -15.6089, 59.9333**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9370, 15.3141, -58.7037**, and **87.9670, 19.7363, -77.1471** is the 20% darker color. If you saturate the color by 10%, you get **143.3700, 18.5516, -70.4845**, and if you desaturate by 10%, it is **155.3080, 12.6662, -49.3821**.

Distribution



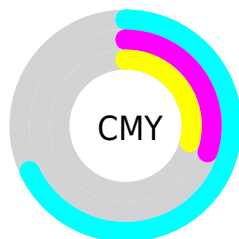
- Red (32%)
- Green (70%)
- Blue (71%)



- Red (32%)
- Yellow (51%)
- Blue (71%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3390, 15.6089, -59.9333 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 149.3390, 15.6089, -59.9333 by changing the saturation by 10% instead.

■ 149.3390, 15.6089,
-59.9333

■ 149.3390, 15.6089,
-59.9333

255.0000, 0.0000,
0.0000

■ 120.8440, 16.3459,
-63.0072

■ 205.9370, 15.3141,
-58.7037

■ 87.9670, 19.7363,
-77.1471

■ 228.9870, 12.8244,
-53.4856

■ 70.4420, 16.0511,
-61.7776

■ 237.6580, 8.5496,
-35.6571

■ 53.0310, 12.8027,
-46.5082

■ 246.3290, 4.2748,
-17.8285

■ 36.9080, 9.4124,
-32.3683

■ 23.3610, 5.7380,
-20.4876

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 149.3390, 15.6089,
-59.9333

■ 149.3390, 15.6089,
-59.9333

■ 143.3700, 18.5516,
-70.4845

■ 155.3080, 12.6662,
-49.3821

■ 137.9880, 21.2049,
-81.5505

■ 160.6900, 10.0128,
-38.3161

■ 132.0190, 24.1476,
-92.1017

■ 166.6590, 7.0701,
-27.7649

■ 126.6370, 26.8010,
-103.1676

■ 172.0410, 4.4168,
-16.6990

■ 123.9460, 28.1276,
-108.7006

■ 178.3090, 1.3267,
-5.5330

■ 183.6910, -1.3267,
5.5330

■ 189.6600, -4.2694,
16.0842

■ 195.0420, -6.9227,
27.1502

■ 201.0110, -9.8654,
37.7014

Harmonies

Analogous

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



152.8390, 0.5724, -43.7088



149.3390, 15.6089, -59.9333



151.2820, 25.4970, -58.1293

Triad

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



149.3390, 15.6089, -59.9333



167.6060, 14.4912, 18.7625



162.9110, -25.0991, 23.7571

Complementary

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



149.3390, 15.6089, -59.9333



112.6610, -15.6089, 59.9333

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.



164.6770, -20.0538, 38.8713



149.3390, 15.6089, -59.9333



167.6270, 2.6489, 37.1611

Square

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



149.3390, 15.6089, -59.9333



164.8460, 23.7399, -7.7579



166.4570, -9.5923, 43.4492



160.6480, -22.9975, 2.9397

Rectangle

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



149.3390, 15.6089, -59.9333



155.7550, 28.2218, -45.3891



166.4570, -9.5923, 43.4492



163.5850, -23.9524, 29.3050

Sweetspot

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



149.3390, 15.6089, -59.9333



221.8660, 6.4751, -23.5615



139.9280, -28.0655, -51.6799



110.1230, 3.3904, -14.1399



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



149.3390, 15.6089, -59.9333



185.7200, 24.2950, -92.7164



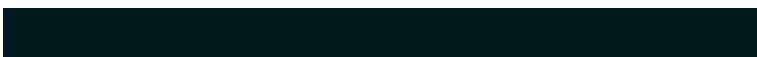
120.5760, 29.7890, -34.7082



86.3090, 1.3267, -5.5330



104.3180, 24.0002, -91.4869



17.6390, 4.1220, -15.4694

Inverse Universe

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



121.9580, 27.6287, 51.7798



143.4450, 42.6716, 80.2937



141.4240, -29.7890, 34.7082



83.7170, 2.6045, 4.6332



62.6190, 42.0928, 79.2641



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 149.3390, 15.6089, -59.9333 looks on a white background.

Color Contrast Check

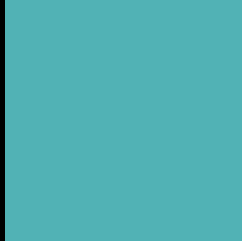
Large Text (above 18pt) WCAG AA × Fail

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 149.3390, 15.6089, -59.9333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

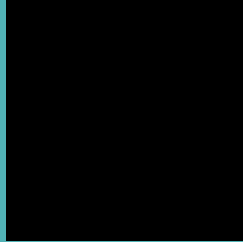
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.3390, 15.6089, -59.9333

Background



This preview shows how black text looks on a background with the YUV color 149.3390, 15.6089, -59.9333.



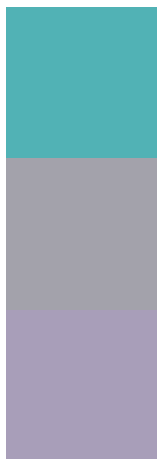
This preview shows how white text looks on a background with the YUV color 149.3390, 15.6089, -59.9333.

-59.9333.

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

149.3390, 15.6089, -59.9333

Protanopia

163.3250, 3.7838, -0.2850

Deuteranopia

164.0680, 10.3195, 3.4484



Tritanopia

150.5010, 19.9660, -57.4444

Trichromacy



Original Color

149.3390, 15.6089, -59.9333

Protanomaly

158.3330, 8.2168, -22.2170

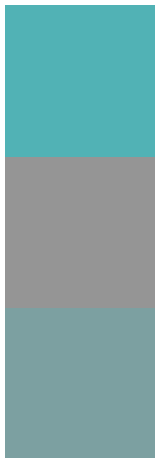
Deuteranomaly

158.4950, 12.5740, -19.7281

Tritanomaly

150.3330, 18.0768, -58.1740

Monochromacy



Original Color

149.3390, 15.6089, -59.9333

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3500, 5.7435, -22.2319

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3390, 15.6089, -59.9333 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(81, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(81, 178, 181)  
}
```

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(81, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 178, 181) }
```

Border

The CSS property to change the border of an element to YUV 149.3390, 15.6089, -59.9333 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(81, 178, 181) }
```


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

```
.border{ border-color:rgb(81, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(81, 178,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 149.3390, 15.6089, -59.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 178, 181) }
```

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

```
.background{ background-color: rgb(81, 178,  
181) }
```

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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