

Converting Colors

YUV(149.1500, -7.9620,
-59.7676)

Have a look what the booklet for
YUV(149.1500, -7.9620, -59.7676)
contains.

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Color

**YUV(149.1500, -7.9620,
-59.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	51BB85
RGB	81, 187, 133
RGB Percent	32%, 73%, 52%
CMY	0.6824, 0.2667, 0.4784
CMYK	0.57, 0.00, 0.29, 0.27
HSL	149°, 44%, 53%
HSV	149°, 57%, 73%
XYZ	25.3973, 38.9834, 28.3763
YIQ	149.1500, -45.8420, -39.2660

Conversions

Conversions Part 2

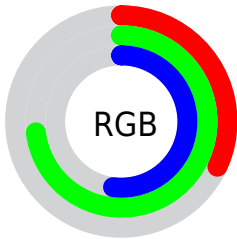
Format	Color
RYB	81, 152, 187
Decimal	5356421
CIELab	68.74, -43.21, 18.35
CIELCh	69, 46.944, 156.987
Yxy	38.9834, 0.2738, 0.4203
Android (android.graphics.Color)	4283546501 (0xFF51BB85)
YUV	149.1500, -7.9620, -59.7676
Hunter-Lab	62.4367, -36.6560, 16.7595

Details

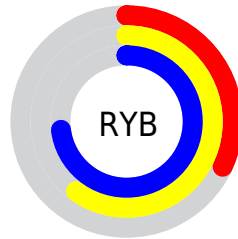
The YUV color **149.1500, -7.9620, -59.7676** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **118.8500, 7.9620, 59.7676**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6940, -9.7091, -59.3676**, and **88.4300, -2.6770, -74.9221** is the 20% darker color. If you saturate the color by 10%, you get **142.3290, -9.5292, -70.4485**, and if you desaturate by 10%, it is **155.9710, -6.3947, -49.0866**.

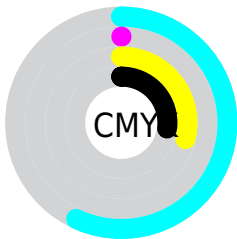
Distribution



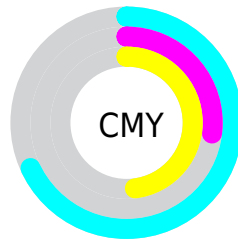
- Red (32%)
- Green (73%)
- Blue (52%)



- Red (32%)
- Yellow (60%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1500, -7.9620, -59.7676 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 149.1500, -7.9620, -59.7676 by changing the saturation by 10% instead.


 149.1500, -7.9620,
-59.7676

 149.1500, -7.9620,
-59.7676

255.0000, 0.0000,
0.0000


 121.1820, -6.4987,
-62.4266


 205.6940, -9.7091,
-59.3676

 88.4300, -2.6770,
-74.9221


 224.0140, -4.9369,
-50.0013


 69.6490, -4.7570,
-61.0822

 235.9910, 3.4554,
-35.0721

 52.4660, -7.1317,
-46.0127

 246.0300, 4.4222,
-18.4433

 35.8700, -9.7959,
-31.4580

 21.7190, -10.7075,
-19.0476

 0.0000, 0.0000,

0.0000

■ 149.1500, -7.9620,
-59.7676

■ 149.1500, -7.9620,
-59.7676

■ 142.3290, -9.5292,
-70.4485

■ 155.9710, -6.3947,
-49.0866

■ 135.9210,
-10.8071, -80.6147

■ 162.3790, -5.1168,
-38.9204

■ 129.1000,
-12.3743, -91.2957

■ 169.2000, -3.5496,
-28.2394

■ 122.3930,
-13.5047, -102.0767

■ 175.9070, -2.4192,
-17.4584

■ 120.2570,
-13.9307, -105.4654

■ 182.4290, -0.7045,
-7.3922

■ 189.1360, 0.4260,
3.3887

■ 195.9570, 1.9932,
14.0697

■ 202.6640, 3.1236,
24.8507

■ 209.1860, 4.8383,
34.9169

Harmonies

Analogous

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



158.3930, -29.7737, -17.0077



149.1500, -7.9620, -59.7676



131.7080, 22.3290, -115.5079

Triad

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



149.1500, -7.9620, -59.7676



162.6150, 44.0668, -40.8814



167.8160, -24.0663, 65.9364

Complementary

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



149.1500, -7.9620, -59.7676



118.8500, 7.9620, 59.7676

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.



169.4630, -5.1583, 67.9999



149.1500, -7.9620, -59.7676



171.7310, 31.6846, 10.7599

Square

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



149.1500, -7.9620, -59.7676



134.1770, 54.6357, -117.6732



172.2060, 14.6884, 48.9313



166.4380, -37.6839, 46.9739

Rectangle

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



149.1500, -7.9620, -59.7676



134.3130, 34.8487, -117.7925



172.2060, 14.6884, 48.9313



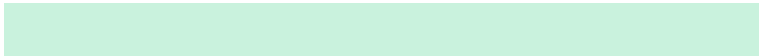
168.6190, -18.5462, 68.7401

Sweetspot

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



149.1500, -7.9620, -59.7676



227.3470, -3.1291, -23.1063



159.6670, -38.7828, -20.7560



113.4560, -1.7038, -13.5549



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



149.1500, -7.9620, -59.7676



183.3880, -12.5163, -92.4253



155.0780, 14.7515, -64.9664



90.8530, -0.4205, -5.1331



101.6380, -11.6535, -89.1365



19.9070, -2.4192, -17.4584

Inverse Universe

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



118.8500, 7.9620, 59.7676



136.4980, 12.0795, 92.5253



112.9220, -14.7515, 64.9664



88.2610, 0.8573, 5.0331



56.4760, 12.0903, 89.0365



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 149.1500, -7.9620, -59.7676 looks on a white background.

Color Contrast Check

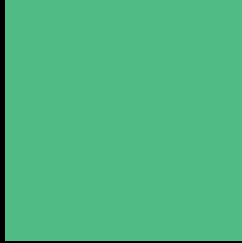
Large Text (above 18pt) WCAG AA × Fail

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 149.1500, -7.9620, -59.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

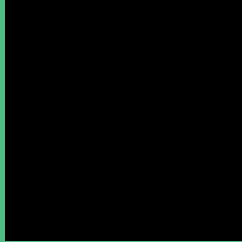
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.1500, -7.9620, -59.7676

Background



This preview shows how black text looks on a background with the YUV color 149.1500, -7.9620, -59.7676.



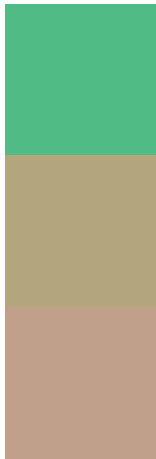
This preview shows how white text looks on a background with the YUV color 149.1500, -7.9620, -59.7676.

-59.7676.

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

149.1500, -7.9620, -59.7676

Protanopia

165.0990, -20.2618, 12.1912

Deuteranopia

167.1740, -13.8898, 21.7724



Tritanopia

156.7900, 18.3445, -50.6818

Trichromacy



Original Color

149.1500, -7.9620, -59.7676



Protanomaly

159.3730, -15.9599, -14.3591



Deuteranomaly

160.8560, -11.7610, -7.7667



Tritanomaly

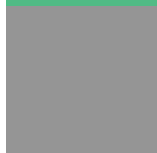
153.9500, 8.8987, -54.3301

Monochromacy



Original Color

149.1500, -7.9620, -59.7676



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.0590, -2.9871, -21.9767

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1500, -7.9620, -59.7676 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, 187, 133)` looks like.

```
.text, #text, p{  
    color:rgb(81, 187, 133)  
}
```

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, 187, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 187, 133) }
```

Border

The CSS property to change the border of an element to YUV 149.1500, -7.9620, -59.7676 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, 187, 133) }
```


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

```
.border{ border-color:rgb(81, 187, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 187, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 187, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 187, 133);  
box-shadow:4px 4px 4px 4px rgb(81, 187,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 149.1500, -7.9620, -59.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 187, 133) }
```

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

```
.background{ background-color: rgb(81, 187,  
133) }
```

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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