

Converting Colors

YUV(149.9350, 25.1750,
-48.1780)

Have a look what the booklet for
YUV(149.9350, 25.1750, -48.1780)
contains.

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Color

**YUV(149.9350, 25.1750,
-48.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA8C9
RGB	95, 168, 201
RGB Percent	37%, 66%, 79%
CMY	0.6275, 0.3412, 0.2118
CMYK	0.53, 0.16, 0.00, 0.21
HSL	199°, 50%, 58%
HSV	199°, 53%, 79%
XYZ	29.2646, 34.6552, 60.4051
YIQ	149.9350, -54.1010, -5.2130

Conversions

Conversions Part 2

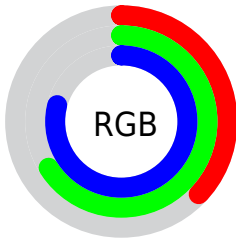
Format	Color
RYB	95, 138, 201
Decimal	6269129
CIELab	65.48, -13.58, -23.86
CIELCh	65, 27.448, 240.355
Yxy	34.6552, 0.2354, 0.2787
Android (android.graphics.Color)	4284459209 (0xFF5FA8C9)
YUV	149.9350, 25.1750, -48.1780
Hunter-Lab	58.8687, -14.2850, -19.6293

Details

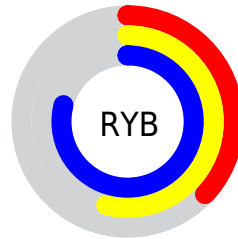
The YUV color **149.9350, 25.1750, -48.1780** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **146.0650, -25.1750, 48.1780**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4190, 24.4434, -46.8485**, and **94.4180, 25.9229, -54.7406** is the 20% darker color. If you saturate the color by 10%, you get **140.4330, 29.8595, -57.3847**, and if you desaturate by 10%, it is **159.4370, 20.4906, -38.9712**.

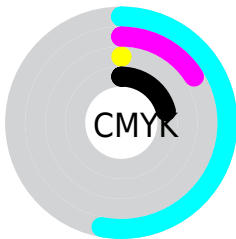
Distribution



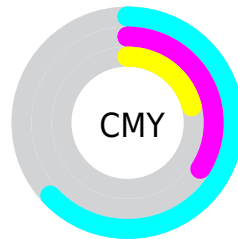
- Red (37%)
- Green (66%)
- Blue (79%)



- Red (37%)
- Yellow (54%)
- Blue (79%)



- Cyan (53%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9350, 25.1750, -48.1780 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 149.9350, 25.1750, -48.1780 by changing the saturation by 10% instead.

■ 149.9350, 25.1750,
-48.1780

■ 149.9350, 25.1750,
-48.1780

255.0000, 0.0000,
0.0000

■ 122.9240, 25.1805,
-49.9223

■ 205.4190, 24.4434,
-46.8485

■ 94.4180, 25.9229,
-54.7406

■ 231.1130, 11.7763,
-43.9491

■ 67.2110, 26.5180,
-58.9440

■ 241.5450, 6.6333,
-27.6650

■ 50.8600, 22.2540,
-44.6042

■ 250.2160, 2.3585,
-9.8364

■ 34.6230, 18.4269,
-30.3644

■ 20.9620, 14.3157,
-18.3837

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 149.9350, 25.1750,
-48.1780

■ 149.9350, 25.1750,
-48.1780

■ 140.4330, 29.8595,
-57.3847

■ 159.4370, 20.4906,
-38.9712

■ 130.3440, 34.8334,
-66.0767

■ 169.5260, 15.5167,
-30.2793

■ 120.8420, 39.5179,
-75.2834

■ 179.0280, 10.8322,
-21.0726

■ 111.3400, 44.2024,
-84.4902

■ 188.5300, 6.1477,
-11.8658

■ 103.9200, 47.8604,
-91.1378

■ 198.3310, 1.3158,
-2.0443

■ 208.4200, -3.6581,
6.6477

■ 217.9220, -8.3425,
15.8544

■ 227.1250,
-12.8796, 24.4464

■ 230.6470,
-14.6160, 21.3576

Harmonies

Analogous

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



146.3440, 18.0714, -56.4297



149.9350, 25.1750, -48.1780



156.4910, 25.3939, -24.9866

Triad

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



149.9350, 25.1750, -48.1780



162.6010, -1.2823, 38.0609



154.9290, -19.1920, -4.3227

Complementary

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



149.9350, 25.1750, -48.1780



146.0650, -25.1750, 48.1780

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.



157.9100, -23.6196, 15.8649



149.9350, 25.1750, -48.1780



161.5230, -13.0758, 40.7603

Square

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



149.9350, 25.1750, -48.1780



163.2000, 10.2544, 24.3806



159.7040, -21.0531, 32.7086



151.5440, -8.6492, -25.9101

Rectangle

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



149.9350, 25.1750, -48.1780



160.3900, 21.9927, -7.3580



159.7040, -21.0531, 32.7086



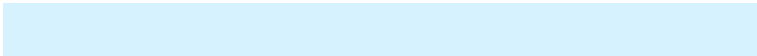
155.9900, -21.6871, 2.6398

Sweetspot

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



149.9350, 25.1750, -48.1780



235.1100, 9.8058, -18.5135



160.8700, -16.6979, -57.7680



115.8290, 6.0003, -11.2510



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.9350, 25.1750, -48.1780



177.5110, 38.2021, -73.2391



119.4110, 40.2234, -21.4084



94.5480, 2.1948, -3.9886



84.3260, 38.7863, -73.9539



18.7790, 8.4900, -16.4692

Inverse Universe

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



135.0160, 16.2611, 57.8680



154.7930, 24.7521, 87.8815



176.5890, -40.2234, 21.4084



93.3750, 1.2941, 4.9331



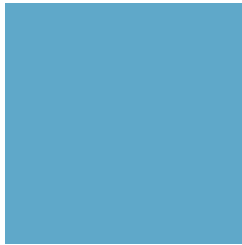
61.5050, 24.8940, 89.0111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 149.9350, 25.1750, -48.1780 looks on a white background.

Color Contrast Check

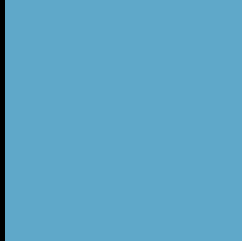
Large Text (above 18pt) WCAG AA × Fail

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 149.9350, 25.1750, -48.1780 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 149.9350, 25.1750, -48.1780 Background



This preview shows how black text looks on a background with the YUV color 149.9350, 25.1750, -48.1780.



This preview shows how white text looks on a background with the YUV color 149.9350, 25.1750, -48.1780.

-48.1780.

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

149.9350, 25.1750, -48.1780

Protanopia

159.0110, 16.7566, -7.9026

Deuteranopia

158.7920, 22.2875, -8.5876



Tritanopia

148.0780, 18.2025, -51.8114

Trichromacy



Original Color

149.9350, 25.1750, -48.1780

Protanomaly

155.7210, 19.8575, -22.5573

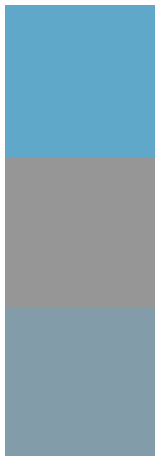
Deuteranomaly

155.6330, 23.3519, -23.3571

Tritanomaly

148.7730, 20.8179, -50.6669

Monochromacy



Original Color

149.9350, 25.1750, -48.1780

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9350, 25.1750, -48.1780 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(95, 168, 201)` looks like.

```
.text, #text, p{  
    color:rgb(95, 168, 201)  
}
```

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(95, 168, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 168, 201) }
```

Border

The CSS property to change the border of an element to YUV 149.9350, 25.1750, -48.1780 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(95, 168, 201) }
```


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

```
.border{ border-color:rgb(95, 168, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 168, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 168, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 168, 201);  
box-shadow:4px 4px 4px 4px rgb(95, 168,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 149.9350, 25.1750, -48.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 168, 201) }
```

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

```
.background{ background-color: rgb(95, 168,  
201) }
```

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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