

# Converting Colors

YUV(150.7420, 14.4242,  
-53.2707)

Have a look what the booklet for  
YUV(150.7420, 14.4242, -53.2707)  
contains.

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# Color

**YUV(150.7420, 14.4242,  
-53.2707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AB0B4
RGB	90, 176, 180
RGB Percent	35%, 69%, 71%
CMY	0.6471, 0.3098, 0.2941
CMYK	0.50, 0.02, 0.00, 0.29
HSL	183°, 38%, 53%
HSV	183°, 50%, 71%
XYZ	27.9800, 36.5196, 48.7543
YIQ	150.7420, -52.5400, -16.9880

# Conversions

## Conversions Part 2

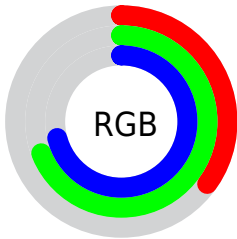
Format	Color
<b>RYB</b>	90, 134, 180
Decimal	5943476
CIELab	66.92, -24.78, -10.05
CIELCh	67, 26.740, 202.079
Yxy	36.5196, 0.2471, 0.3225
Android (android.graphics.Color)	4284133556 (0xFF5AB0B4)
YUV	150.7420, 14.4242, -53.2707
Hunter-Lab	60.4315, -23.1089, -5.5314

# Details

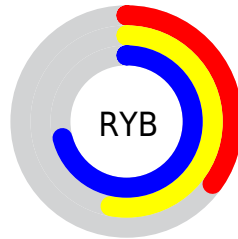
The YUV color **150.7420, 14.4242, -53.2707** is a light color, and the websafe version is hex **339999**. A complement of this color would be **119.2580, -14.4242, 53.2707**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7420, 14.4242, -53.2707**, and **94.4530, 16.0457, -60.0333** is the 20% darker color. If you saturate the color by 10%, you get **144.7730, 17.3669, -63.8219**, and if you desaturate by 10%, it is **156.7110, 11.4815, -42.7195**.

# Distribution



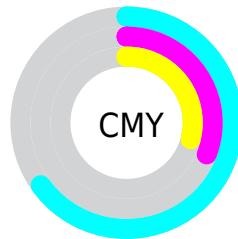
- Red (35%)
- Green (69%)
- Blue (71%)



- Red (35%)
- Yellow (53%)
- Blue (71%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (31%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.7420, 14.4242, -53.2707 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 150.7420, 14.4242, -53.2707 by changing the saturation by 10% instead.



■ 150.7420, 14.4242,  
-53.2707

■ 150.7420, 14.4242,  
-53.2707

■ 255.0000, 0.0000,  
0.0000

■ 123.1440, 14.7190,  
-54.5003

■ 206.7420, 14.4242,  
-53.2707

■ 94.4530, 16.0457,  
-60.0333

■ 231.0800, 11.7926,  
-49.1822

■ 69.1540, 16.1931,  
-60.6481

■ 239.7510, 7.5178,  
-31.3536

■ 52.3300, 12.6553,  
-45.8934

■ 248.4220, 3.2430,  
-13.5251

■ 36.3210, 9.7017,  
-31.8535

■ 22.0730, 5.8800,  
-19.3580

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,  
0.0000

■ 150.7420, 14.4242,  
-53.2707

■ 150.7420, 14.4242,  
-53.2707

■ 144.7730, 17.3669,  
-63.8219

■ 156.7110, 11.4815,  
-42.7195

■ 138.8040, 20.3096,  
-74.3731

■ 162.6800, 8.5388,  
-32.1684

■ 133.4220, 22.9630,  
-85.4391

■ 168.0620, 5.8854,  
-21.1024

■ 127.4530, 25.9057,  
-95.9903

■ 174.0310, 2.9427,  
-10.5512

■ 121.4840, 28.8484,  
-106.5415

■ 180.0000, 0.0000,  
0.0000

■ 185.9690, -2.9427,  
10.5512

■ 191.9380, -5.8854,  
21.1024

■ 197.3200, -8.5388,  
32.1684

■ 203.2890,  
-11.4815, 42.7195

# Harmonies

## Analogous

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



152.9750, 0.9983, -40.3201



150.7420, 14.4242, -53.2707



153.0550, 23.1439, -50.0372

# Triad

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



150.7420, 14.4242, -53.2707



166.5520, 13.0389, 17.9329



162.0570, -23.1991, 20.9980

# Complementary

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



150.7420, 14.4242, -53.2707



119.2580, -14.4242, 53.2707

# 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.



163.9970, -18.7325, 35.0826



150.7420, 14.4242, -53.2707



166.6760, 1.6387, 34.4871

# Square

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



150.7420, 14.4242, -53.2707



164.1730, 21.1137, -5.4137



165.4350, -9.5815, 39.9605



159.9190, -20.6661, 1.8250



# Rectangle

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



150.7420, 14.4242, -53.2707



156.4030, 25.4373, -38.9414



165.4350, -9.5815, 39.9605



162.7310, -22.0524, 26.5459

# Sweetspot

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



150.7420, 14.4242, -53.2707



223.0620, 5.8854, -21.1024



143.1720, -24.7348, -46.6318



110.1340, 3.3849, -12.3955



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.



150.7420, 14.4242, -53.2707



188.7320, 22.8101, -83.0800



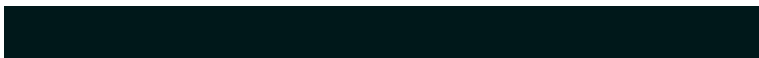
124.9140, 27.1574, -30.6196



86.3090, 1.3267, -5.5330



103.1440, 24.5790, -90.4573



17.0520, 4.4114, -14.9546



# Inverse Universe

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



126.7140, 24.2980, 46.7318



151.4350, 37.7465, 73.2865



145.0860, -27.1574, 30.6196



83.7170, 2.6045, 4.6332



62.3910, 41.2192, 79.4641

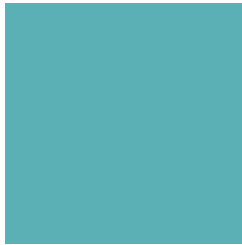


10.5100, 6.6506, 13.5847



# Previews

## White Background



This preview shows how the YUV color 150.7420, 14.4242, -53.2707 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 150.7420, 14.4242, -53.2707 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

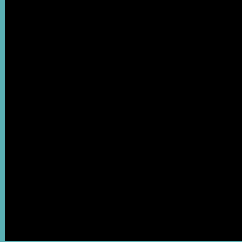
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 150.7420, 14.4242, -53.2707

## Background



This preview shows how black text looks on a background with the YUV color 150.7420, 14.4242, -53.2707.



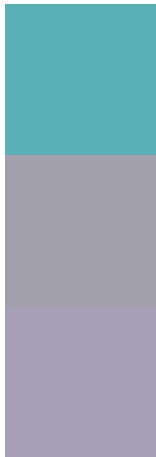
This preview shows how white text looks on a background with the YUV color 150.7420, 14.4242, -53.2707.



# 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

150.7420, 14.4242, -53.2707

### Protanopia

162.4390, 4.2206, -0.3850

### Deuteranopia

163.6550, 10.0301, 2.9336



**Tritanopia**

152.0780, 18.2025, -51.8114

# Trichromacy



## Original Color

150.7420, 14.4242, -53.2707

## Protanomaly

157.9420, 7.9166, -19.2431

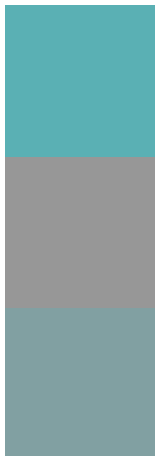
## Deuteranomaly

159.2780, 11.6949, -17.7838

## Tritanomaly

151.4370, 17.0396, -52.1262

# Monochromacy



## Original Color

150.7420, 14.4242, -53.2707

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

150.9590, 5.4432, -19.2580

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.7420, 14.4242, -53.2707 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(90, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 176, 180)  
}
```

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(90, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 176, 180) }
```

## Border

The CSS property to change the border of an element to YUV 150.7420, 14.4242, -53.2707 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(90, 176, 180) }
```



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

```
.border{ border-color:rgb(90, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 176,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 150.7420, 14.4242, -53.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 176, 180) }
```

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

```
.background{ background-color: rgb(90, 176,  
180) }
```

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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