

# Converting Colors

YUV(165.0640, 9.3354,  
-54.4301)

Have a look what the booklet for  
YUV(165.0640, 9.3354, -54.4301)  
contains.

<b>YUV(165.0640, 9.3354, -54.4301)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(165.0640, 9.3354,  
-54.4301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67C1B8
RGB	103, 193, 184
RGB Percent	40%, 76%, 72%
CMY	0.5961, 0.2431, 0.2784
CMYK	0.47, 0.00, 0.05, 0.24
HSL	174°, 42%, 58%
HSV	174°, 47%, 76%
XYZ	33.3152, 44.4842, 52.1778
YIQ	165.0640, -50.7510, -21.8790

# Conversions

## Conversions Part 2

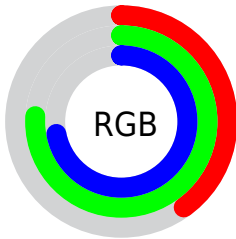
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 150, 193
Decimal	6799800
CIELab	72.55, -29.15, -3.83
CIELCh	73, 29.399, 187.495
Yxy	44.4842, 0.2563, 0.3422
Android (android.graphics.Color)	4284989880 (0xFF67C1B8)
YUV	165.0640, 9.3354, -54.4301
Hunter-Lab	66.6965, -27.5572, 0.3039

# Details

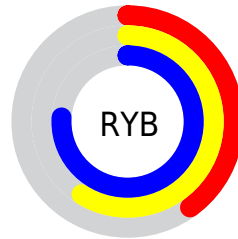
The YUV color **165.0640, 9.3354, -54.4301** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **130.9360, -9.3354, 54.4301**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6510, 9.0461, -54.9449**, and **109.6830, 10.5093, -57.6040** is the 20% darker color. If you saturate the color by 10%, you get **159.1550, 11.2626, -65.9109**, and if you desaturate by 10%, it is **170.9730, 7.4083, -42.9493**.

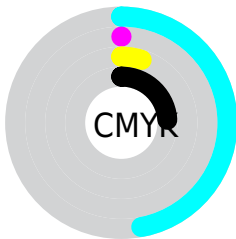
# Distribution



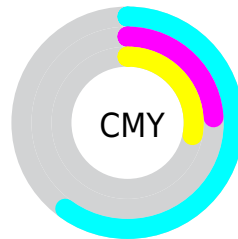
- Red (40%)
- Green (76%)
- Blue (72%)



- Red (40%)
- Yellow (59%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.0640, 9.3354, -54.4301 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 165.0640, 9.3354, -54.4301 by changing the saturation by 10% instead.



■ 165.0640, 9.3354,  
-54.4301

■ 165.0640, 9.3354,  
-54.4301

■ 255.0000, 0.0000,  
0.0000

■ 137.7650, 9.4829,  
-55.0449

■ 221.6510, 9.0461,  
-54.9449

■ 109.6830, 10.5093,  
-57.6040

■ 234.9670, 9.8763,  
-41.1901

■ 78.4150, 13.5994,  
-68.7700

■ 243.6380, 5.6015,  
-23.3615

■ 61.0040, 10.3510,  
-53.5005

■ 252.6080, 1.1793,  
-4.9182

■ 44.2940, 7.2501,  
-38.8458

■ 28.8720, 4.0071,  
-25.3207

■ 11.9170, 2.5059,

-10.4512

■ 0.0000, 0.0000,  
0.0000

■ 165.0640, 9.3354,  
-54.4301

■ 165.0640, 9.3354,  
-54.4301

■ 159.1550, 11.2626,  
-65.9109

■ 170.9730, 7.4083,  
-42.9493

■ 152.9470, 13.3371,  
-78.0065

■ 177.1810, 5.3338,  
-30.8537

■ 147.0380, 15.2643,  
-89.4873

■ 183.0900, 3.4066,  
-19.3729

■ 141.1290, 17.1914,  
-100.9681

■ 188.9990, 1.4795,  
-7.8921

■ 135.2200, 19.1185,  
-112.4489

■ 194.9080, -0.4476,  
3.5887

■ 133.1270, 20.1504,  
-116.7524

■ 201.1160, -2.5222,  
15.6843

■ 207.0250, -4.4493,  
27.1651

■ 212.2220, -6.5184,  
37.5163

■ 212.4500, -5.6448,  
37.3164

# Harmonies

## Analogous

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



168.8850, -5.8593, -34.1021



165.0640, 9.3354, -54.4301



164.4620, 22.4502, -60.9182

# Triad

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



165.0640, 9.3354, -54.4301



181.5060, 19.4705, 8.3262



178.1940, -24.2526, 32.2789

# Complementary

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



165.0640, 9.3354, -54.4301



130.9360, -9.3354, 54.4301

# 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.



179.7360, -16.1388, 43.2045



165.0640, 9.3354, -54.4301



182.3750, 8.1961, 31.2431

# Square

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



165.0640, 9.3354, -54.4301



176.5670, 26.8355, -20.6683



181.4230, -4.6455, 43.4790



175.4320, -25.3560, 12.7761



# Rectangle

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



165.0640, 9.3354, -54.4301



167.3580, 26.9385, -53.8110



181.4230, -4.6455, 43.4790



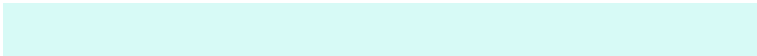
178.7970, -22.0849, 37.0120

# Sweetspot

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



165.0640, 9.3354, -54.4301



239.0790, 3.4121, -21.1173



158.5210, -27.3719, -40.7989



118.4930, 2.2220, -12.7104



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



165.0640, 9.3354, -54.4301



206.5440, 14.5218, -84.6691



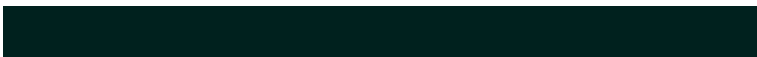
144.9580, 23.6847, -36.7972



93.8960, 1.0373, -6.0478



111.0370, 16.7438, -97.3794



22.7910, 3.5540, -19.9877



# Inverse Universe

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



130.9360, -9.3354, 54.4301



153.4560, -14.5218, 84.6691



151.0420, -23.6847, 36.7972



90.1040, -1.0373, 6.0478



49.9630, -16.7438, 97.3794

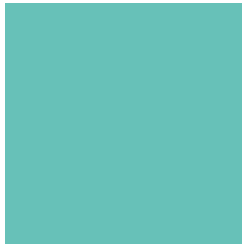


10.2090, -3.5540, 19.9877



# Previews

## White Background



This preview shows how the YUV color 165.0640, 9.3354, -54.4301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

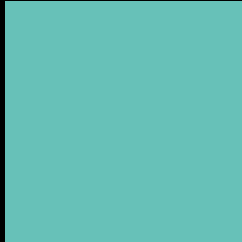
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.0640, 9.3354, -54.4301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

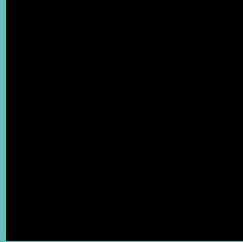
Any Text WCAG AA ✓ Pass

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 165.0640, 9.3354, -54.4301 Background



This preview shows how black text looks on a background with the YUV color 165.0640, 9.3354, -54.4301.



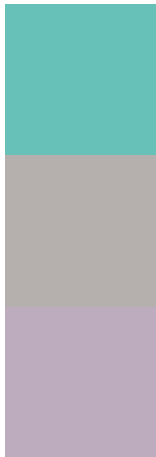
This preview shows how white text looks on a background with the YUV color 165.0640, 9.3354,

-54.4301.

# 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**

165.0640, 9.3354, -54.4301

**Protanopia**

177.2670, -1.6106, 3.2738

**Deuteranopia**

179.0210, 4.9196, 8.7516



## Tritanopia

167.4910, 18.4919, -51.2966

# Trichromacy



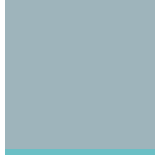
## Original Color

165.0640, 9.3354, -54.4301



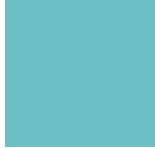
## Protanomaly

172.8730, 2.5276, -17.4286



## Deuteranomaly

174.2200, 6.3005, -14.2249



## Tritanomaly

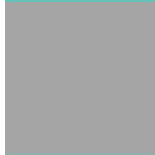
166.5680, 15.0030, -52.2411

# Monochromacy



## Original Color

165.0640, 9.3354, -54.4301



## Achromatopsia

165.0000, 0.0000, 0.0000



## Achromatomaly

164.7910, 3.5540, -19.9877

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.0640, 9.3354, -54.4301 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(103, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(103, 193, 184)  
}
```

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(103, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 193, 184) }
```

## Border

The CSS property to change the border of an element to YUV 165.0640, 9.3354, -54.4301 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(103, 193, 184) }
```



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

```
.border{ border-color:rgb(103, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(103, 193,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 165.0640, 9.3354, -54.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 193, 184) }
```

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

```
.background{ background-color: rgb(103,  
193, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor