

Converting Colors

YUV(164.0940, 0.4467,
-50.0714)

Have a look what the booklet for
YUV(164.0940, 0.4467, -50.0714)
contains.

YUV(164.0940, 0.4467, -50.0714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.0940, 0.4467,
-50.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC1A5
RGB	107, 193, 165
RGB Percent	42%, 76%, 65%
CMY	0.5804, 0.2431, 0.3529
CMYK	0.45, 0.00, 0.15, 0.24
HSL	160°, 41%, 59%
HSV	160°, 45%, 76%
XYZ	31.9249, 43.9823, 42.4041
YIQ	164.0940, -42.2680, -26.9400

Conversions

Conversions Part 2

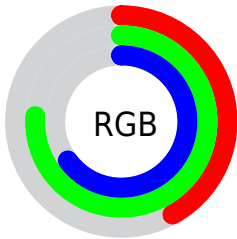
Format	Color
RYB	107, 158, 193
Decimal	7061925
CIELab	72.22, -32.68, 6.04
CIELCh	72, 33.235, 169.522
Yxy	43.9823, 0.2698, 0.3718
Android (android.graphics.Color)	4285252005 (0xFF6BC1A5)
YUV	164.0940, 0.4467, -50.0714
Hunter-Lab	66.3192, -30.1318, 8.5137

Details

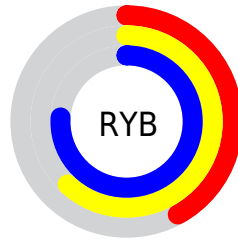
The YUV color **164.0940, 0.4467, -50.0714** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **135.9060, -0.4467, 50.0714**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2680, -0.1321, -51.1010**, and **109.7240, 1.6151, -51.5009** is the 20% darker color. If you saturate the color by 10%, you get **157.7290, 0.6266, -61.1523**, and if you desaturate by 10%, it is **170.4590, 0.2667, -38.9905**.

Distribution



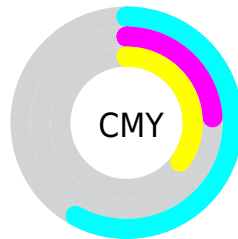
- Red (42%)
- Green (76%)
- Blue (65%)



- Red (42%)
- Yellow (62%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0940, 0.4467, -50.0714 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 164.0940, 0.4467, -50.0714 by changing the saturation by 10% instead.

■ 164.0940, 0.4467,
-50.0714

■ 164.0940, 0.4467,
-50.0714

■ 255.0000, 0.0000,
0.0000

■ 136.9090, 1.0309,
-50.7862

■ 220.2680, -0.1321,
-51.1010

■ 109.7240, 1.6151,
-51.5009

■ 235.0660, 6.3765,
-38.6459

■ 80.9620, 3.9627,
-57.8487

■ 244.5350, 5.1592,
-21.5172

■ 59.0660, 2.9255,
-51.8009

■ 253.2060, 0.8844,
-3.6887

■ 42.4700, 0.2613,
-37.2462

■ 27.2760, -2.1081,
-23.9211

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 164.0940, 0.4467,
-50.0714

■ 164.0940, 0.4467,
-50.0714

■ 157.7290, 0.6266,
-61.1523

■ 170.4590, 0.2667,
-38.9905

■ 150.9510, 0.5172,
-72.7480

■ 177.2370, 0.3762,
-27.3948

■ 144.5860, 0.6971,
-83.8289


■ 183.6020, 0.1962,
-16.3140


■ 138.2210, 0.8770,
-94.9098

■ 189.9670, 0.0163,
-5.2331

■ 131.8560, 1.0570,
-105.9907

■ 196.3320, -0.1637,
5.8478

 128.1110, 0.9313,
-112.3533

 203.1100, -0.0542,
17.4435

 209.4750, -0.2342,
28.5244

 214.0460, 0.4703,
35.9167

 214.8440, 3.5279,
35.2168

Harmonies

Analogous

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



169.3180, -15.9328, -23.0809



164.0940, 0.4467, -50.0714



159.5440, 17.9728, -71.5141

Triad

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



164.0940, 0.4467, -50.0714



177.8610, 27.6765, -10.4021



178.0260, -22.6908, 44.7042

Complementary

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



164.0940, 0.4467, -50.0714



135.9060, -0.4467, 50.0714

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.



180.1590, -10.9244, 50.7266



164.0940, 0.4467, -50.0714



181.1270, 17.6854, 20.9366

Square

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



164.0940, 0.4467, -50.0714



170.2050, 32.4369, -44.0298



181.3010, 3.7956, 42.7090



176.6080, -28.8937, 27.5308

Rectangle

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



164.0940, 0.4467, -50.0714



159.6390, 27.2930, -74.2284



181.3010, 3.7956, 42.7090



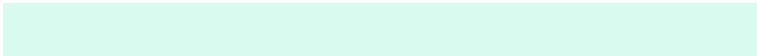
179.2590, -19.3547, 48.0079

Sweetspot

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



164.0940, 0.4467, -50.0714



238.8790, 0.0597, -19.1879



166.1530, -29.1624, -26.4442



118.2220, -0.1094, -11.5957



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.



164.0940, 0.4467, -50.0714



205.3310, 0.8228, -77.4663



159.0680, 16.7285, -45.6636



93.6680, 0.1637, -5.8478



106.8190, 0.5822, -93.6803



21.8790, 0.0597, -19.1879

Inverse Universe

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



135.9060, -0.4467, 50.0714



161.7830, -0.3860, 77.3663



140.9320, -16.7285, 45.6636



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 164.0940, 0.4467, -50.0714 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 164.0940, 0.4467, -50.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

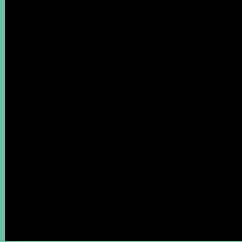
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.0940, 0.4467, -50.0714

Background



This preview shows how black text looks on a background with the YUV color 164.0940, 0.4467, -50.0714.



This preview shows how white text looks on a background with the YUV color 164.0940, 0.4467, -50.0714.

-50.0714.

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

164.0940, 0.4467, -50.0714

Protanopia

176.1120, -9.9152, 6.9178

Deuteranopia

177.4750, -3.6852, 15.3694



Tritanopia

168.4810, 17.0179, -45.1488

Trichromacy



Original Color

164.0940, 0.4467, -50.0714

Protanomaly

171.6040, -6.2138, -13.6847

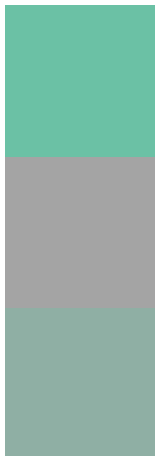
Deuteranomaly

172.3750, -2.1569, -8.2219

Tritanomaly

166.8630, 10.9135, -47.2379

Monochromacy



Original Color

164.0940, 0.4467, -50.0714

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1780, -0.0878, -18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0940, 0.4467, -50.0714 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(107, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(107, 193, 165)  
}
```

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(107, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 193, 165) }
```

Border

The CSS property to change the border of an element to YUV 164.0940, 0.4467, -50.0714 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(107, 193, 165) }
```


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

```
.border{ border-color:rgb(107, 193, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 193, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 193, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 193, 165); box-shadow:4px 4px 4px 4px rgb(107, 193, 165) }
```

Background

The CSS property to change the background color of an element to YUV 164.0940, 0.4467, -50.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 193, 165) }
```

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

```
.background{ background-color: rgb(107,  
193, 165) }
```

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