

Converting Colors

YUV(164.0090, -7.3994,
-53.5049)

Have a look what the booklet for
YUV(164.0090, -7.3994, -53.5049)
contains.

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Color

**YUV(164.0090, -7.3994,
-53.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	67C695
RGB	103, 198, 149
RGB Percent	40%, 78%, 58%
CMY	0.5961, 0.2235, 0.4157
CMYK	0.48, 0.00, 0.25, 0.22
HSL	149°, 45%, 59%
HSV	149°, 48%, 78%
XYZ	31.2124, 45.4417, 35.5598
YIQ	164.0090, -40.8910, -35.3790

Conversions

Conversions Part 2

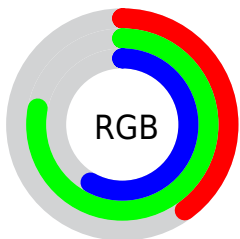
Format	Color
RYB	103, 167, 198
Decimal	6801045
CIELab	73.18, -39.45, 16.03
CIELCh	73, 42.579, 157.883
Yxy	45.4417, 0.2782, 0.4050
Android (android.graphics.Color)	4284991125 (0xFF67C695)
YUV	164.0090, -7.3994, -53.5049
Hunter-Lab	67.4104, -35.3191, 15.9111

Details

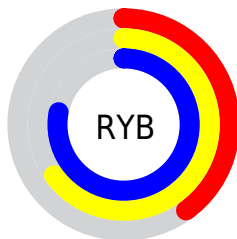
The YUV color **164.0090, -7.3994, -53.5049** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **136.9910, 7.3994, 53.5049**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3680, -8.5624, -53.8197**, and **108.5680, -5.2100, -55.7491** is the 20% darker color. If you saturate the color by 10%, you get **156.8890, -8.8193, -64.8007**, and if you desaturate by 10%, it is **171.1290, -5.9796, -42.2091**.

Distribution



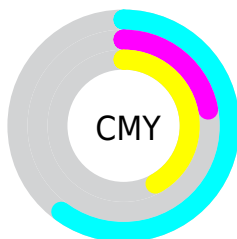
- Red (40%)
- Green (78%)
- Blue (58%)



- Red (40%)
- Yellow (65%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0090, -7.3994, -53.5049 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 164.0090, -7.3994, -53.5049 by changing the saturation by 10% instead.

■ 164.0090, -7.3994,
-53.5049

■ 164.0090, -7.3994,
-53.5049

255.0000, 0.0000,
0.0000

■ 136.2370, -6.5258,
-53.7048

■ 220.3680, -8.5624,
-53.8197

■ 108.5680, -5.2100,
-55.7491

■ 232.2310, -0.6069,
-38.7906

■ 77.1150, -1.5357,
-67.6299

■ 243.3390, 5.7489,
-23.9763

■ 59.8180, -4.3473,
-52.4604

■ 252.3090, 1.3267,
-5.5330

■ 43.3360, -6.5746,
-38.0057

■ 27.0990, -10.4018,
-23.7658

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 164.0090, -7.3994,
-53.5049

■ 164.0090, -7.3994,
-53.5049

■ 156.8890, -8.8193,
-64.8007

■ 171.1290, -5.9796,
-42.2091

■ 149.7690,
-10.2391, -76.0964

■ 178.2490, -4.5598,
-30.9134

■ 142.8340,
-12.2432, -86.6774

■ 185.1840, -2.5557,
-20.3324

■ 135.7140,
-13.6630, -97.9732

■ 192.3040, -1.1359,
-9.0366

■ 128.5940,
-15.0828, -109.2689

■ 199.4240, 0.2840,
2.2592

■ 127.1700,
-15.3668, -111.5281

■ 206.5440, 1.7038,
13.5549

■ 213.6640, 3.1236,
24.8507

■ 218.8050, 6.0121,
31.7430

■ 219.9450, 10.3801,
30.7432

Harmonies

Analogous

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



171.2020, -26.7216, -15.9632



164.0090, -7.3994, -53.5049



147.9160, 20.2544, -103.4123

Triad

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



164.0090, -7.3994, -53.5049



175.9920, 38.9509, -33.3190



181.0110, -23.1764, 60.5034

Complementary

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



164.0090, -7.3994, -53.5049



136.9910, 7.3994, 53.5049

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.



182.9030, -5.8682, 62.3521



164.0090, -7.3994, -53.5049



183.8190, 28.1902, 11.5597

Square

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



164.0090, -7.3994, -53.5049



158.9590, 45.3762, -87.6640



184.6140, 12.5153, 45.9425



178.8120, -34.9103, 44.0149

Rectangle

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



164.0090, -7.3994, -53.5049



141.9100, 36.0334, -124.4551



184.6140, 12.5153, 45.9425



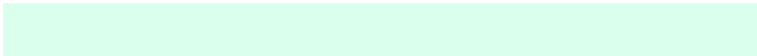
181.7000, -18.0931, 63.4071

Sweetspot

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



164.0090, -7.3994, -53.5049



242.1840, -2.5557, -20.3324



173.4160, -34.7151, -18.7818



120.0540, -1.9986, -12.3254



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.



164.0090, -7.3994, -53.5049



202.0840, -11.3804, -83.3887



169.3670, 13.1301, -58.2039



95.7390, -0.8573, -5.0331



104.6870, -12.6637, -91.8105



23.0700, -2.9925, -20.2324

Inverse Universe

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



136.9910, 7.3994, 53.5049



159.9160, 11.3804, 83.3887



131.6330, -13.1301, 58.2039



93.2610, 0.8573, 5.0331



58.3130, 12.6637, 91.8105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 164.0090, -7.3994, -53.5049 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 164.0090, -7.3994, -53.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

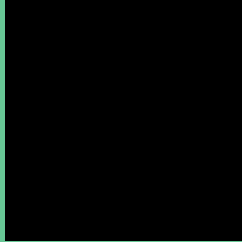
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.0090, -7.3994, -53.5049

Background



This preview shows how black text looks on a background with the YUV color 164.0090, -7.3994, -53.5049.



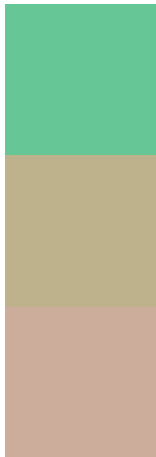
This preview shows how white text looks on a background with the YUV color 164.0090, -7.3994, -53.5049.

-53.5049.

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

164.0090, -7.3994, -53.5049

Protanopia

177.2560, -18.3672, 11.1765

Deuteranopia

179.6300, -12.1426, 21.3725



Tritanopia

170.2960, 17.6021, -45.8636

Trichromacy



Original Color

164.0090, -7.3994, -53.5049



Protanomaly

172.1390, -14.3655, -12.3999



Deuteranomaly

173.6220, -10.1666, -5.8075



Tritanomaly

168.1680, 8.2982, -48.3823

Monochromacy



Original Color

164.0090, -7.3994, -53.5049



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8960, -2.4137, -19.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0090, -7.3994, -53.5049 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, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(103, 198, 149)  
}
```

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, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 198, 149) }
```

Border

The CSS property to change the border of an element to YUV 164.0090, -7.3994, -53.5049 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, 198, 149) }
```


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

```
.border{ border-color:rgb(103, 198, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(103, 198,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 164.0090, -7.3994, -53.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 198, 149) }
```

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

```
.background{ background-color: rgb(103,  
198, 149) }
```

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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