

Converting Colors

YUV(165.0750, -7.4320,
-43.0388)

Have a look what the booklet for
YUV(165.0750, -7.4320, -43.0388)
contains.

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Color

**YUV(165.0750, -7.4320,
-43.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	74C196
RGB	116, 193, 150
RGB Percent	45%, 76%, 59%
CMY	0.5451, 0.2431, 0.4118
CMYK	0.40, 0.00, 0.22, 0.24
HSL	146°, 38%, 61%
HSV	146°, 40%, 76%
XYZ	31.7774, 44.0549, 35.6828
YIQ	165.0750, -32.0890, -29.6970

Conversions

Conversions Part 2

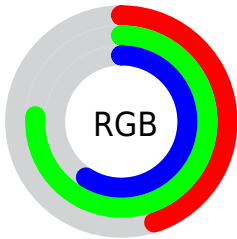
Format	Color
RYB	116, 169, 193
Decimal	7651734
CIELab	72.27, -33.43, 14.29
CIELCh	72, 36.354, 156.849
Yxy	44.0549, 0.2850, 0.3951
Android (android.graphics.Color)	4285841814 (0xFF74C196)
YUV	165.0750, -7.4320, -43.0388
Hunter-Lab	66.3739, -30.6949, 14.5873

Details

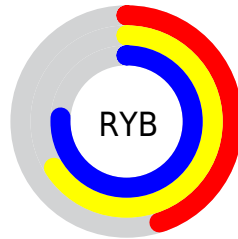
The YUV color **165.0750, -7.4320, -43.0388** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.9250, 7.4320, 43.0388**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1350, -8.4476, -43.9684**, and **111.4170, -6.1216, -43.3387** is the 20% darker color. If you saturate the color by 10%, you get **158.1400, -9.4360, -53.6198**, and if you desaturate by 10%, it is **172.0100, -5.4279, -32.4578**.

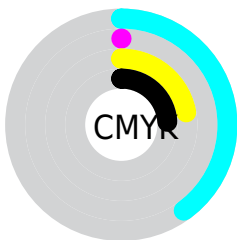
Distribution



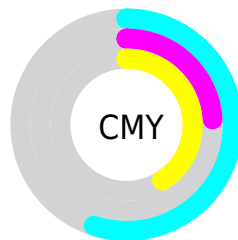
- Red (45%)
- Green (76%)
- Blue (59%)



- Red (45%)
- Yellow (66%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.0750, -7.4320, -43.0388 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 165.0750, -7.4320, -43.0388 by changing the saturation by 10% instead.

 165.0750, -7.4320,
-43.0388

 165.0750, -7.4320,
-43.0388


255.0000, 0.0000,
0.0000

 138.1890, -6.9952,
-43.1388

 221.1350, -8.4476,
-43.9684


 111.4170, -6.1216,
-43.3387


 235.6340, -1.7916,
-32.1280

 85.0470, -4.9532,
-44.7682

 246.9270, 3.9800,
-16.5990

 57.5840, -2.7529,
-50.5012

 41.1020, -4.9803,
-36.0465

 25.5660, -8.6600,
-22.4214

 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 165.0750, -7.4320,
-43.0388

■ 165.0750, -7.4320,
-43.0388

■ 158.1400, -9.4360,
-53.6198

■ 172.0100, -5.4279,
-32.4578

■ 150.9060,
-11.2927, -64.8156

■ 179.2440, -3.5713,
-21.2620

■ 144.0850,
-12.8599, -75.4965

■ 186.0650, -2.0040,
-10.5810

■ 137.1500,
-14.8640, -86.0776

■ 193.0000, 0.0000,
0.0000

■ 130.2150,
-16.8680, -96.6586

■ 199.9350, 2.0040,
10.5810

■ 122.9810,
-18.7246, -107.8543

■ 207.1690, 3.8607,
21.7768

■ 213.9900, 5.4279,
32.4578

■ 216.4400, 9.6431,
33.8171

■ 217.6940, 14.4479,
32.7174

Harmonies

Analogous

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



170.4350, -23.3855, -12.6595



165.0750, -7.4320, -43.0388



157.5670, 13.0315, -73.2883

Triad

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



165.0750, -7.4320, -43.0388



174.9450, 33.5511, -28.0158



178.8790, -19.6603, 52.7261

Complementary

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



165.0750, -7.4320, -43.0388



143.9250, 7.4320, 43.0388

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.



181.0760, -4.9675, 53.4303



165.0750, -7.4320, -43.0388



180.7710, 24.2699, 8.9708

Square

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



165.0750, -7.4320, -43.0388



163.6860, 36.1438, -66.3766



182.1030, 10.7952, 37.6207



176.8590, -29.5105, 38.7117

Rectangle

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



165.0750, -7.4320, -43.0388



153.7960, 25.7366, -88.3981



182.1030, 10.7952, 37.6207



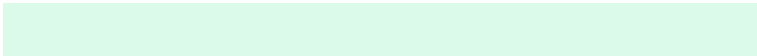
179.7420, -15.1558, 54.6003

Sweetspot

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



165.0750, -7.4320, -43.0388



239.0920, -3.0034, -16.7437



174.3550, -28.7690, -12.5893



118.4780, -1.7147, -10.0662



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.



165.0750, -7.4320, -43.0388



206.4820, -11.5766, -67.0747



169.4070, 9.1663, -46.8379



93.3260, -1.1467, -5.5479



102.6010, -15.5793, -89.9811



21.0810, -2.9979, -18.4880

Inverse Universe

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



143.9250, 7.4320, 43.0388



173.5180, 11.5766, 67.0747



139.5930, -9.1663, 46.8379



90.6740, 1.1467, 5.5479



58.3990, 15.5793, 89.9811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 165.0750, -7.4320, -43.0388 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 165.0750, -7.4320, -43.0388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

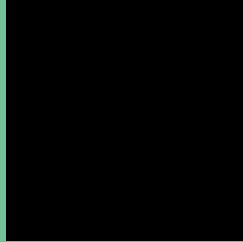
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0750, -7.4320, -43.0388

Background



This preview shows how black text looks on a background with the YUV color 165.0750, -7.4320, -43.0388.



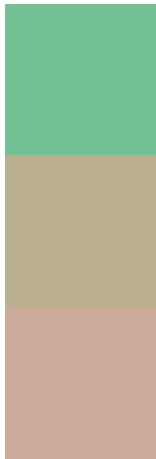
This preview shows how white text looks on a background with the YUV color 165.0750, -7.4320, -43.0388.

-43.0388.

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

165.0750, -7.4320, -43.0388

Protanopia

175.4130, -16.4726, 10.1618

Deuteranopia

177.5590, -11.1216, 20.5578



Tritanopia

170.3680, 15.1016, -37.1567

Trichromacy



Original Color

165.0750, -7.4320, -43.0388



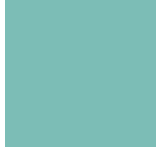
Protanomaly

171.5030, -13.0660, -9.2111



Deuteranomaly

172.7580, -9.7407, -2.4188



Tritanomaly

168.7670, 6.5239, -39.2607

Monochromacy



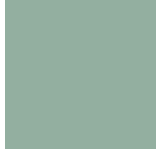
Original Color

165.0750, -7.4320, -43.0388



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.9180, -2.4246, -15.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0750, -7.4320, -43.0388 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(116, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 193, 150)  
}
```

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(116, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 193, 150) }
```

Border

The CSS property to change the border of an element to YUV 165.0750, -7.4320, -43.0388 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(116, 193, 150) }
```


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

```
.border{ border-color:rgb(116, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 193,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 165.0750, -7.4320, -43.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 193, 150) }
```

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

```
.background{ background-color: rgb(116,  
193, 150) }
```

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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