

Converting Colors

YUV(165.7930, -9.7579,
-43.6685)

Have a look what the booklet for
YUV(165.7930, -9.7579, -43.6685)
contains.

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Color

**YUV(165.7930, -9.7579,
-43.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	74C392
RGB	116, 195, 146
RGB Percent	45%, 76%, 57%
CMY	0.5451, 0.2353, 0.4275
CMYK	0.41, 0.00, 0.25, 0.24
HSL	143°, 40%, 61%
HSV	143°, 41%, 76%
XYZ	31.9059, 44.8185, 34.1634
YIQ	165.7930, -31.3550, -31.9870

Conversions

Conversions Part 2

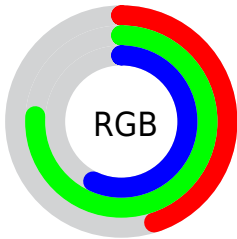
Format	Color
RYB	116, 173, 195
Decimal	7652242
CIELab	72.77, -35.14, 17.15
CIElCh	73, 39.107, 153.986
Yxy	44.8185, 0.2877, 0.4042
Android (android.graphics.Color)	4285842322 (0xFF74C392)
YUV	165.7930, -9.7579, -43.6685
Hunter-Lab	66.9467, -32.0859, 16.6065

Details

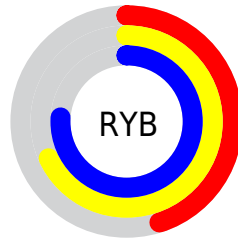
The YUV color **165.7930, -9.7579, -43.6685** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **145.2070, 9.7579, 43.6685**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8530, -10.7735, -44.5981**, and **112.1350, -8.4476, -43.9684** is the 20% darker color. If you saturate the color by 10%, you get **158.7440, -12.1988, -54.1495**, and if you desaturate by 10%, it is **172.8420, -7.3171, -33.1874**.

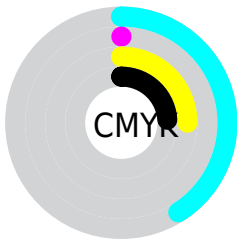
Distribution



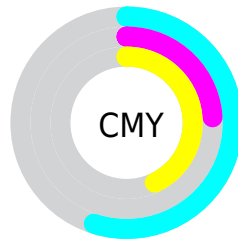
- Red (45%)
- Green (76%)
- Blue (57%)



- Red (45%)
- Yellow (68%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7930, -9.7579, -43.6685 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 165.7930, -9.7579, -43.6685 by changing the saturation by 10% instead.

■ 165.7930, -9.7579,
-43.6685

■ 165.7930, -9.7579,
-43.6685

255.0000, 0.0000,
0.0000

■ 138.9070, -9.3212,
-43.7684

■ 221.8530,
-10.7735, -44.5981

■ 112.1350, -8.4476,
-43.9684

■ 235.1780, -3.5388,
-31.7281

■ 85.4660, -7.1317,
-46.0127

■ 246.9270, 3.9800,
-16.5990

■ 58.4160, -4.6421,
-51.2308

■ 41.8200, -7.3063,
-36.6761

■ 25.4690, -11.5702,
-22.3363

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 165.7930, -9.7579,
-43.6685

■ 165.7930, -9.7579,
-43.6685

■ 158.7440,
-12.1988, -54.1495

■ 172.8420, -7.3171,
-33.1874

■ 151.3960,
-14.4922, -65.2453

■ 180.1900, -5.0237,
-22.0916

■ 144.3470,
-16.9331, -75.7263

■ 187.5380, -2.7302,
-10.9958

■ 136.9990,
-19.2265, -86.8221

■ 194.5870, -0.2894,
-0.5148

■ 129.6510,
-21.5199, -97.9179

■ 201.9350, 2.0040,
10.5810

■ 122.9010,
-24.1082, -107.7842

■ 209.0980, 4.8817,
20.9621

■ 216.4460, 7.1751,
32.0579

■ 218.4120, 12.1219,
32.0877

■ 219.7800, 17.3635,
30.8879

Harmonies

Analogous

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



171.3490, -26.3011, -10.8301



165.7930, -9.7579, -43.6685



156.7080, 12.4690, -79.5509

Triad

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



165.7930, -9.7579, -43.6685



174.2260, 37.3566, -35.2782



180.4990, -19.9660, 57.4444

Complementary

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



165.7930, -9.7579, -43.6685



145.2070, 9.7579, 43.6685

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.



182.4400, -3.6679, 56.6191



165.7930, -9.7579, -43.6685



182.2590, 27.4803, 5.9119

Square

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



165.7930, -9.7579, -43.6685



160.6350, 40.1129, -79.4869



183.7980, 13.4106, 38.7652



178.7240, -31.4159, 43.2151

Rectangle

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



165.7930, -9.7579, -43.6685



147.7940, 28.6956, -104.1823



183.7980, 13.4106, 38.7652



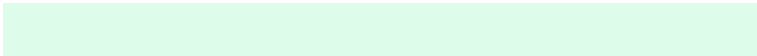
180.5900, -14.5879, 59.1186

Sweetspot

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



165.7930, -9.7579, -43.6685



240.9780, -3.4402, -16.6437



177.3230, -30.2322, -9.9303



121.2500, -2.5882, -9.8663



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.



165.7930, -9.7579, -43.6685



206.5590, -15.0656, -68.0192



170.1250, 6.8404, -47.4676



93.3260, -1.1467, -5.5479



101.4610, -19.9473, -88.9813



20.8530, -3.8715, -18.2881

Inverse Universe

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



145.2070, 9.7579, 43.6685



174.4410, 15.0656, 68.0192



140.8750, -6.8404, 47.4676



90.6740, 1.1467, 5.5479



59.5390, 19.9473, 88.9813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 165.7930, -9.7579, -43.6685 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 165.7930, -9.7579, -43.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

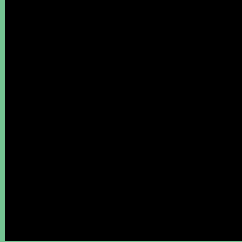
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.7930, -9.7579, -43.6685

Background



This preview shows how black text looks on a background with the YUV color 165.7930, -9.7579, -43.6685.



This preview shows how white text looks on a background with the YUV color 165.7930, -9.7579, -43.6685.

-43.6685.

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

165.7930, -9.7579, -43.6685

Protanopia

176.1420, -18.8040, 11.2765

Deuteranopia

178.5870, -13.6004, 22.2872



Tritanopia

172.0690, 15.2490, -37.7715

Trichromacy



Original Color

165.7930, -9.7579, -43.6685

Protanomaly

172.5200, -15.5394, -9.2260

Deuteranomaly

174.0740, -12.3615, -1.8189

Tritanomaly

169.9410, 5.9451, -40.2903

Monochromacy



Original Color

165.7930, -9.7579, -43.6685

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2770, -3.5876, -16.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7930, -9.7579, -43.6685 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, 195, 146)` looks like.

```
.text, #text, p{  
    color:rgb(116, 195, 146)  
}
```

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, 195, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 195, 146) }
```

Border

The CSS property to change the border of an element to YUV 165.7930, -9.7579, -43.6685 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, 195, 146) }
```


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

```
.border{ border-color:rgb(116, 195, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 195, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(116, 195,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 165.7930, -9.7579, -43.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 195, 146) }
```

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

```
.background{ background-color: rgb(116,  
195, 146) }
```

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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