

Converting Colors

YUV(165.2790, -0.1375,
-49.3567)

Have a look what the booklet for
YUV(165.2790, -0.1375, -49.3567)
contains.

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Color

**YUV(165.2790, -0.1375,
-49.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC2A5
RGB	109, 194, 165
RGB Percent	43%, 76%, 65%
CMY	0.5725, 0.2392, 0.3529
CMYK	0.44, 0.00, 0.15, 0.24
HSL	160°, 41%, 59%
HSV	160°, 44%, 76%
XYZ	32.3900, 44.5514, 42.4895
YIQ	165.2790, -41.3510, -27.0390

Conversions

Conversions Part 2

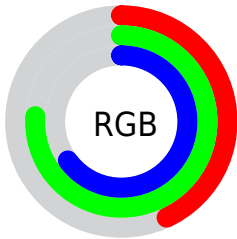
Format	Color
RYB	109, 160, 194
Decimal	7193253
CIELab	72.60, -32.63, 6.60
CIELCh	73, 33.295, 168.568
Yxy	44.5514, 0.2712, 0.3730
Android (android.graphics.Color)	4285383333 (0xFF6DC2A5)
YUV	165.2790, -0.1375, -49.3567
Hunter-Lab	66.7468, -30.1869, 8.9802

Details

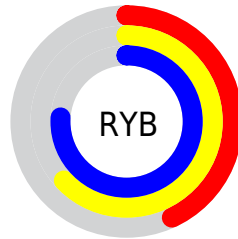
The YUV color **165.2790, -0.1375, -49.3567** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **137.7210, 0.1375, 49.3567**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4530, -0.7163, -50.3863**, and **110.9090, 1.0309, -50.7862** is the 20% darker color. If you saturate the color by 10%, you get **158.8000, -0.3944, -60.3376**, and if you desaturate by 10%, it is **171.7580, 0.1193, -38.3758**.

Distribution



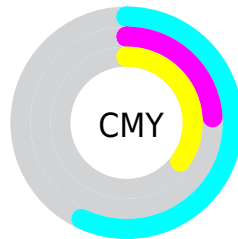
- Red (43%)
- Green (76%)
- Blue (65%)



- Red (43%)
- Yellow (63%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2790, -0.1375, -49.3567 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 165.2790, -0.1375, -49.3567 by changing the saturation by 10% instead.


 165.2790, -0.1375,
-49.3567

 165.2790, -0.1375,
-49.3567

255.0000, 0.0000,
0.0000


 138.3930, 0.2993,
-49.4567


 221.4530, -0.7163,
-50.3863

 110.9090, 1.0309,
-50.7862


 235.7780, 6.5184,
-37.5163


 83.0440, 2.9363,
-55.2896

 245.1330, 4.8644,
-20.2876

 59.6530, 2.6361,
-52.3157

 253.8040, 0.5896,
-2.4591

 43.0570, -0.0281,
-37.7610

 27.2760, -2.1081,
-23.9211

 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 165.2790, -0.1375,
-49.3567

■ 165.2790, -0.1375,
-49.3567

■ 158.8000, -0.3944,
-60.3376

■ 171.7580, 0.1193,
-38.3758

■ 152.1360, -0.0670,
-72.0333

■ 178.4220, -0.2080,
-26.6801

■ 145.6570, -0.3239,
-83.0142

■ 184.9010, 0.0488,
-15.6992

■ 138.9930, 0.0035,
-94.7099

■ 191.5650, -0.2785,
-4.0035

■ 132.5140, -0.2534,
-105.6908

■ 198.0440, -0.0217,
6.9774

■ 128.4700, -0.2317,
-112.6682

■ 204.5230, 0.2352,
17.9583

■ 211.1870, -0.0922,
29.6540

■ 214.9750, 1.4913,
35.1019

■ 215.7730, 4.5489,
34.4021

Harmonies

Analogous

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



170.5030, -16.5170, -22.3661



165.2790, -0.1375, -49.3567



160.4300, 17.5360, -71.4141

Triad

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



165.2790, -0.1375, -49.3567



178.6760, 28.2607, -11.1169



179.4390, -22.4014, 45.2190

Complementary

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



165.2790, -0.1375, -49.3567



137.7210, 0.1375, 49.3567

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.



181.2730, -10.4876, 50.6266



165.2790, -0.1375, -49.3567



182.5290, 17.9802, 19.7071

Square

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



165.2790, -0.1375, -49.3567



171.1940, 32.4424, -45.7741



182.4150, 4.2324, 42.6090



177.3200, -28.7518, 28.6604

Rectangle

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



165.2790, -0.1375, -49.3567



160.2260, 27.0036, -74.7432



182.4150, 4.2324, 42.6090



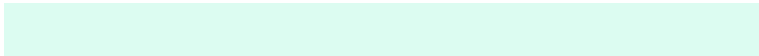
179.7860, -18.6285, 48.4227

Sweetspot

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



165.2790, -0.1375, -49.3567



241.1780, -0.0878, -18.5731



167.8650, -29.0204, -25.3146



120.9230, 0.0380, -12.2105



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.



165.2790, -0.1375, -49.3567



207.1030, -0.0508, -77.2663



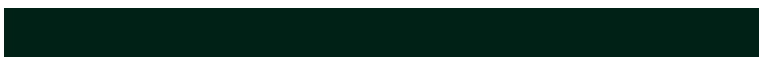
160.9540, 16.2917, -45.5637



93.6680, 0.1637, -5.8478



106.5910, -0.2914, -93.4803



21.8790, 0.0597, -19.1879

Inverse Universe

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



137.7210, 0.1375, 49.3567



163.8970, 0.0508, 77.2663



142.0460, -16.2917, 45.5637



90.4460, 0.2731, 5.7479



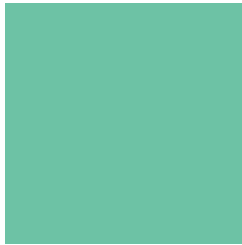
54.4090, 0.2914, 93.4803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 165.2790, -0.1375, -49.3567 looks on a white background.

Color Contrast Check

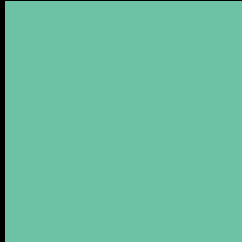
Large Text (above 18pt) WCAG AA × Fail

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 165.2790, -0.1375, -49.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

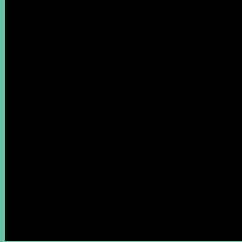
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.2790, -0.1375, -49.3567

Background



This preview shows how black text looks on a background with the YUV color 165.2790, -0.1375, -49.3567.



This preview shows how white text looks on a background with the YUV color 165.2790, -0.1375,

-49.3567.

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

165.2790, -0.1375, -49.3567

Protanopia

176.9980, -10.3520, 7.0178

Deuteranopia

178.6600, -4.2694, 16.0842



Tritanopia

169.7800, 16.8705, -44.5341

Trichromacy



Original Color

165.2790, -0.1375, -49.3567



Protanomaly

172.4900, -6.6506, -13.5847



Deuteranomaly

173.5600, -2.7411, -7.5071



Tritanomaly

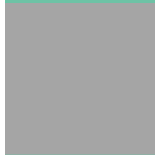
168.1620, 10.7661, -46.6231

Monochromacy



Original Color

165.2790, -0.1375, -49.3567



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.4770, -0.2352, -17.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2790, -0.1375, -49.3567 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(109, 194, 165)` looks like.

```
.text, #text, p{  
    color:rgb(109, 194, 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(109, 194, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 194, 165) }
```

Border

The CSS property to change the border of an element to YUV 165.2790, -0.1375, -49.3567 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(109, 194, 165) }
```


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

```
.border{ border-color:rgb(109, 194, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 194, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 194, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 194, 165);  
box-shadow:4px 4px 4px 4px rgb(109, 194,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 165.2790, -0.1375, -49.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 194, 165) }
```

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

```
.background{ background-color: rgb(109,  
194, 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](#).

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