

Converting Colors

YUV(165.4900, -0.2416,
-62.6967)

Have a look what the booklet for
YUV(165.4900, -0.2416, -62.6967)
contains.

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Color

**YUV(165.4900, -0.2416,
-62.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	5ECAA5
RGB	94, 202, 165
RGB Percent	37%, 79%, 65%
CMY	0.6314, 0.2078, 0.3529
CMYK	0.53, 0.00, 0.18, 0.21
HSL	159°, 50%, 58%
HSV	159°, 53%, 79%
XYZ	32.5282, 47.3374, 43.0199
YIQ	165.4900, -52.4910, -34.4030

Conversions

Conversions Part 2

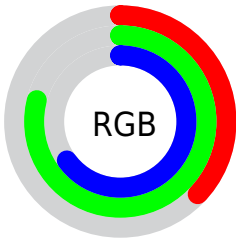
Format	Color
RYB	94, 159, 202
Decimal	6212261
CIELab	74.41, -39.94, 9.11
CIELCh	74, 40.965, 167.146
Yxy	47.3374, 0.2647, 0.3852
Android (android.graphics.Color)	4284402341 (0xFF5ECAA5)
YUV	165.4900, -0.2416, -62.6967
Hunter-Lab	68.8021, -36.0129, 11.0892

Details

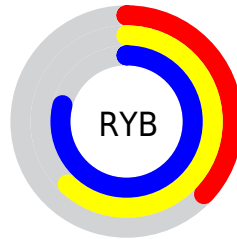
The YUV color **165.4900, -0.2416, -62.6967** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **130.5100, 0.2416, 62.6967**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2130, -0.1050, -59.8228**, and **107.2440, 2.8377, -70.3740** is the 20% darker color. If you saturate the color by 10%, you get **158.7120, -0.3510, -74.2924**, and if you desaturate by 10%, it is **172.2680, -0.1321, -51.1010**.

Distribution



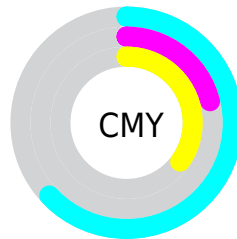
- Red (37%)
- Green (79%)
- Blue (65%)



- Red (37%)
- Yellow (62%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4900, -0.2416, -62.6967 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 165.4900, -0.2416, -62.6967 by changing the saturation by 10% instead.

■ 165.4900, -0.2416,
-62.6967

■ 165.4900, -0.2416,
-62.6967

255.0000, 0.0000,
0.0000

■ 137.1200, 0.9268,
-64.1262

■ 220.2130, -0.1050,
-59.8228

■ 107.2440, 2.8377,
-70.3740

■ 231.8910, 8.4347,
-45.5084

■ 81.1730, 3.8587,
-71.1887

■ 241.5450, 6.6333,
-27.6650

■ 63.1750, 0.8997,
-55.4045

■ 250.2160, 2.3585,
-9.8364

■ 46.5790, -1.7644,
-40.8498

■ 30.7980, -3.8444,
-27.0098

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 165.4900, -0.2416,
-62.6967

■ 165.4900, -0.2416,
-62.6967

■ 158.7120, -0.3510,
-74.2924

■ 172.2680, -0.1321,
-51.1010

■ 151.9340, -0.4605,
-85.8881

■ 179.0460, -0.0227,
-39.5053

■ 144.8570, -0.4225,
-98.0986

■ 186.1230, -0.0606,
-27.2949

■ 138.0790, -0.5319,
-109.6943

■ 192.9010, 0.0488,
-15.6992

■ 133.7360, -0.3628,
-117.2865

■ 199.6790, 0.1583,
-4.1035

■ 206.4570, 0.2677,
7.4922

■ 213.1210, -0.0597,
19.1879

■ 219.8990, 0.0498,
30.7836

■ 220.6970, 3.1074,
30.0837

Harmonies

Analogous

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



173.2160, -21.3055, -26.4994



165.4900, -0.2416, -62.6967



151.0880, 26.0856, -107.0712

Triad

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



165.4900, -0.2416, -62.6967



182.8800, 35.5552, -17.4348



183.6530, -26.9439, 55.5553

Complementary

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



165.4900, -0.2416, -62.6967



130.5100, 0.2416, 62.6967

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.



185.2250, -10.9569, 61.1927



165.4900, -0.2416, -62.6967



187.6310, 23.3529, 23.1256

Square

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



165.4900, -0.2416, -62.6967



171.0760, 41.3745, -64.0877



187.4530, 6.6787, 51.3457



181.6430, -35.3200, 35.3931

Rectangle

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



165.4900, -0.2416, -62.6967



143.8650, 40.9856, -126.1696



187.4530, 6.6787, 51.3457



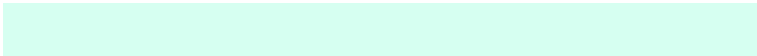
184.5270, -22.4448, 59.1738

Sweetspot

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



165.4900, -0.2416, -62.6967



241.1450, -0.0715, -23.8062



168.7580, -36.8557, -32.2368



119.4990, -0.2460, -14.4696



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.



165.4900, -0.2416, -62.6967



199.8790, -0.4333, -94.6099



160.3160, 20.5502, -58.1591



98.6680, 0.1637, -5.8478



109.8680, -0.4279, -96.3542



25.1560, -0.0769, -22.0618

Inverse Universe

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



130.5100, 0.2416, 62.6967



147.1210, 0.4333, 94.6099



135.6840, -20.5502, 58.1591



95.3320, -0.1637, 5.8478



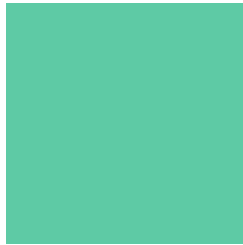
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 165.4900, -0.2416, -62.6967 looks on a white background.

Color Contrast Check

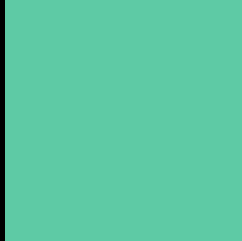
Large Text (above 18pt) WCAG AA × Fail

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 165.4900, -0.2416, -62.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

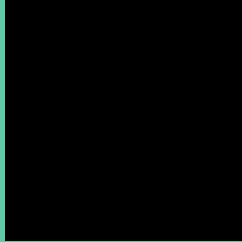
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4900, -0.2416, -62.6967

Background



This preview shows how black text looks on a background with the YUV color 165.4900, -0.2416, -62.6967.



This preview shows how white text looks on a background with the YUV color 165.4900, -0.2416,

-62.6967.

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

165.4900, -0.2416, -62.6967

Protanopia

180.9120, -13.2676, 8.8472

Deuteranopia

183.5030, -6.1640, 17.0989



Tritanopia

171.3980, 19.5238, -55.6000

Trichromacy



Original Color

165.4900, -0.2416, -62.6967

Protanomaly

175.5990, -8.6763, -17.1883

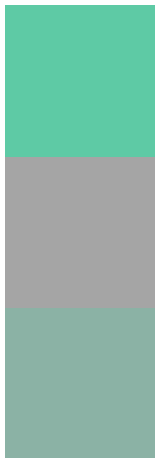
Deuteranomaly

176.5980, -3.7458, -11.9254

Tritanomaly

169.1390, 12.2565, -58.0039

Monochromacy



Original Color

165.4900, -0.2416, -62.6967

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8570, 0.0705, -22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4900, -0.2416, -62.6967 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(94, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(94, 202, 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(94, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 202, 165) }
```

Border

The CSS property to change the border of an element to YUV 165.4900, -0.2416, -62.6967 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(94, 202, 165) }
```


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

```
.border{ border-color:rgb(94, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(94, 202,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 165.4900, -0.2416, -62.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 202, 165) }
```

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

```
.background{ background-color: rgb(94, 202,  
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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