

Converting Colors

YUV(165.2310, -44.4839,
-58.9616)

Have a look what the booklet for
YUV(165.2310, -44.4839, -58.9616)
contains.

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Color

**YUV(165.2310, -44.4839,
-58.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	62D94B
RGB	98, 217, 75
RGB Percent	38%, 85%, 29%
CMY	0.6157, 0.1490, 0.7059
CMYK	0.55, 0.00, 0.65, 0.15
HSL	110°, 65%, 57%
HSV	110°, 65%, 85%
XYZ	31.1199, 52.7304, 15.1944
YIQ	165.2310, -25.3420, -69.3900

Conversions

Conversions Part 2

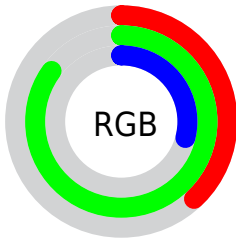
Format	Color
RYB	75, 217, 194
Decimal	6478155
CIELab	77.72, -59.33, 57.84
CIELCh	78, 82.858, 135.728
Yxy	52.7304, 0.3142, 0.5324
Android (android.graphics.Color)	4284668235 (0xFF62D94B)
YUV	165.2310, -44.4839, -58.9616
Hunter-Lab	72.6157, -50.5803, 38.4249

Details

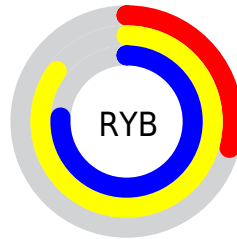
The YUV color **165.2310, -44.4839, -58.9616** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **126.7690, 44.4839, 58.9616**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7470, -40.3013, -47.1361**, and **102.1110, -45.9037, -70.2573** is the 20% darker color. If you saturate the color by 10%, you get **157.3410, -51.4401, -67.8281**, and if you desaturate by 10%, it is **173.1210, -37.5277, -50.0951**.

Distribution



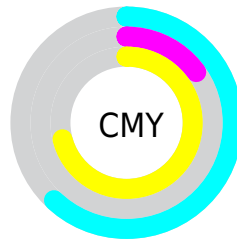
- Red (38%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (65%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2310, -44.4839, -58.9616 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 165.2310, -44.4839, -58.9616 by changing the saturation by 10% instead.

■ 165.2310,
-44.4839, -58.9616

■ 165.2310,
-44.4839, -58.9616

■ 255.0000, 0.0000,
0.0000

■ 136.0350,
-43.8943, -61.4207

■ 211.7470,
-40.3013, -47.1361

■ 102.1110,
-45.9037, -70.2573

■ 223.7950,
-32.9299, -31.3922

■ 78.6580, -38.7784,
-68.9831

■ 235.9570,
-25.1218, -15.7483

■ 63.3960, -31.2542,
-55.5983

■ 248.2330,
-16.8769, -0.2043

■ 48.1340, -23.7301,
-42.2135

■ 253.6320, -5.2416,
1.1997

■ 34.0460, -16.7847,
-29.8583

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 165.2310,
-44.4839, -58.9616

■ 165.2310,
-44.4839, -58.9616

■ 157.3410,
-51.4401, -67.8281

■ 173.1210,
-37.5277, -50.0951

■ 149.5650,
-57.9595, -76.7945

■ 180.8970,
-31.0082, -41.1287

■ 141.3760,
-64.7684, -86.2758

■ 189.0860,
-24.1994, -31.6474

■ 137.8440,
-67.9571, -90.1942

■ 196.9760,
-17.2432, -22.7810

■ 204.7520,
-10.7237, -13.8145

■ 212.6420, -3.7675,
-4.9480

■ 220.5320, 3.1887,
3.9184

■ 228.4220, 10.1450,
12.7849

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



175.0960, -86.3223, 13.9478



165.2310, -44.4839, -58.9616



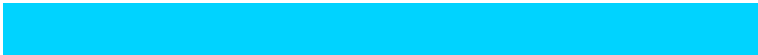
149.2890, 0.8435, -130.9265

Triad

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



165.2310, -44.4839, -58.9616



152.9270, 50.3220, -134.1170



161.4200, -3.1651, 82.0697

Complementary

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



165.2310, -44.4839, -58.9616



126.7690, 44.4839, 58.9616

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.



173.1330, 29.0214, 71.7974



165.2310, -44.4839, -58.9616



170.8320, 41.4948, -55.9807

Square

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



165.2310, -44.4839, -58.9616



160.5580, 46.5599, -140.8094



191.8480, 31.1339, 47.4913



169.1750, -41.9913, 75.2685

Rectangle

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



165.2310, -44.4839, -58.9616



156.6190, 23.8518, -137.3549



191.8480, 31.1339, 47.4913



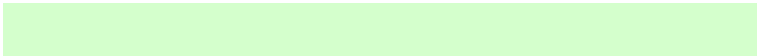
162.6230, 9.0599, 81.0146

Sweetspot

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



165.2310, -44.4839, -58.9616



236.3290, -15.9382, -21.3365



186.7240, -55.0799, 26.5521



116.6920, -9.7082, -12.8849



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.



165.2310, -44.4839, -58.9616



181.5550, -62.8846, -83.8017



163.7120, -20.5640, -77.8004



105.7560, -3.3307, -5.0480



109.9230, -54.1920, -71.8465



29.0950, -14.3438, -19.3773

Inverse Universe

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



126.7690, 44.4839, 58.9616



127.1460, 63.0320, 83.1870



128.2880, 20.5640, 77.8004



102.9450, 3.4781, 4.4332



63.0770, 54.1920, 71.8465



16.6060, 14.4912, 18.7625

Previews

White Background



This preview shows how the YUV color 165.2310, -44.4839, -58.9616 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 165.2310, -44.4839, -58.9616 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 165.2310, -44.4839, -58.9616 Background



This preview shows how black text looks on a background with the YUV color 165.2310, -44.4839, -58.9616.



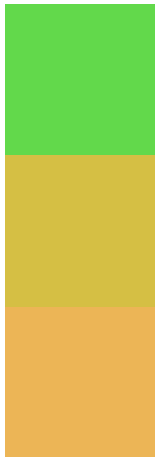
This preview shows how white text looks on a background with the YUV color 165.2310, -44.4839, -58.9616.

-58.9616.

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

165.2310, -44.4839, -58.9616

Protanopia

183.5560, -56.9691, 25.8224

Deuteranopia

186.6150, -49.6032, 43.3106



Tritanopia

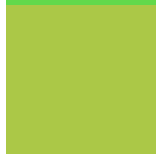
182.3990, 18.0443, -47.7079

Trichromacy



Original Color

165.2310, -44.4839, -58.9616



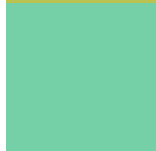
Protanomaly

176.6230, -52.0721, -4.9314



Deuteranomaly

178.8400, -47.7421, 6.2793



Tritanomaly

176.1170, -4.4947, -51.8456

Monochromacy



Original Color

165.2310, -44.4839, -58.9616



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.2150, -16.3750, -21.2366

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2310, -44.4839, -58.9616 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(98, 217, 75)` looks like.

```
.text, #text, p{  
    color:rgb(98, 217, 75)  
}
```

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(98, 217, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 217, 75) }
```

Border

The CSS property to change the border of an element to YUV 165.2310, -44.4839, -58.9616 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(98, 217, 75) }
```


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

```
.border{ border-color:rgb(98, 217, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 217, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 217, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 217, 75);  
box-shadow:4px 4px 4px 4px rgb(98, 217,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 165.2310, -44.4839, -58.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 217, 75) }
```

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

```
.background{ background-color: rgb(98, 217,  
75) }
```

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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