

Converting Colors

YUV(165.8410, -59.5746,
-25.2936)

Have a look what the booklet for
YUV(165.8410, -59.5746, -25.2936)
contains.

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Color

**YUV(165.8410, -59.5746,
-25.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	89CC2D
RGB	137, 204, 45
RGB Percent	54%, 80%, 18%
CMY	0.4627, 0.2000, 0.8235
CMYK	0.33, 0.00, 0.78, 0.20
HSL	85°, 64%, 49%
HSV	85°, 78%, 80%
XYZ	32.3830, 48.6936, 10.1747
YIQ	165.8410, 11.1070, -63.6530

Conversions

Conversions Part 2

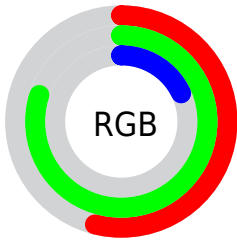
Format	Color
RYB	45, 204, 112
Decimal	9030701
CIELab	75.26, -44.15, 66.59
CIELCh	75, 79.892, 123.543
Yxy	48.6936, 0.3549, 0.5336
Android (android.graphics.Color)	4287220781 (0xFF89CC2D)
YUV	165.8410, -59.5746, -25.2936
Hunter-Lab	69.7808, -39.2801, 40.2015

Details

The YUV color **165.8410, -59.5746, -25.2936** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **83.1590, 59.5746, 25.2936**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8460, -57.1121, -21.7899**, and **111.3830, -54.9118, -27.5229** is the 20% darker color. If you saturate the color by 10%, you get **160.8700, -66.9839, -28.8270**, and if you desaturate by 10%, it is **170.8120, -52.1653, -21.7601**.

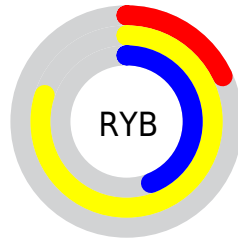
Distribution



Red (54%)

Green (80%)

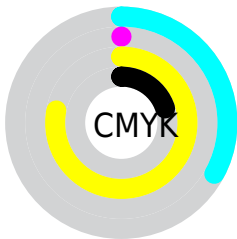
Blue (18%)



Red (18%)

Yellow (80%)

Blue (44%)

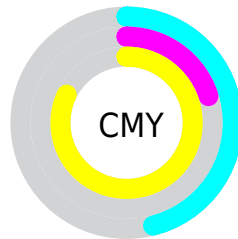


Cyan (33%)

Magenta (0%)

Yellow (78%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8410, -59.5746, -25.2936 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 165.8410, -59.5746, -25.2936 by changing the saturation by 10% instead.

■ 165.8410,
-59.5746, -25.2936

■ 165.8410,
-59.5746, -25.2936

■ 255.0000, 0.0000,
0.0000

■ 135.6040,
-66.8528, -24.2087

■ 219.8460,
-57.1121, -21.7899

■ 111.3830,
-54.9118, -27.5229

■ 231.7090,
-49.1565, -6.7608

■ 87.1510, -42.9654,
-32.5814

■ 243.8710,
-41.3484, 8.8831

■ 61.1140, -30.1292,
-43.0730

■ 247.3620,
-29.2655, 6.6985

■ 42.8510, -21.1255,
-37.5803

■ 250.6680,
-16.5983, 3.7992

■ 29.3500, -14.4695,
-25.7399

■ 254.0880, -3.4944,

■ 15.8490, -7.8136,

0.7998

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 165.8410,
-59.5746, -25.2936

■ 165.8410,
-59.5746, -25.2936

■ 160.8700,
-66.9839, -28.8270

■ 170.8120,
-52.1653, -21.7601

■ 156.0840,
-74.9774, -31.6457

■ 175.5980,
-44.1718, -18.9414

■ 155.0300,
-76.4298, -32.4753

■ 180.5690,
-36.7625, -15.4080

■ 185.3550,
-28.7690, -12.5893

■ 190.3260,
-21.3597, -9.0559

■ 195.2970,
-13.9504, -5.5225

■ 200.0830, -5.9569,
-2.7038

■ 205.0540, 1.4524,
0.8296

■ 209.8400, 9.4459,
3.6483

Harmonies

Analogous

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



172.2820, -84.9350, 35.7097



165.8410, -59.5746, -25.2936



139.4290, -11.5505, -122.2792

Triad

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



165.8410, -59.5746, -25.2936



152.3400, 50.6114, -133.6022



160.7480, 9.4912, 82.6590

Complementary

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



165.8410, -59.5746, -25.2936



83.1590, 59.5746, 25.2936

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.



179.5220, 35.7317, 66.1942



165.8410, -59.5746, -25.2936



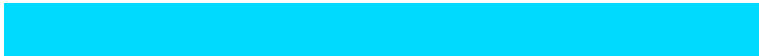
141.1870, 56.1098, -123.8210

Square

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



165.8410, -59.5746, -25.2936



157.0360, 48.2963, -137.7206



182.7680, 35.6104, 11.6045



161.9320, -26.5885, 81.6206

Rectangle

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



165.8410, -59.5746, -25.2936



146.8900, 9.4212, -128.8225



182.7680, 35.6104, 11.6045



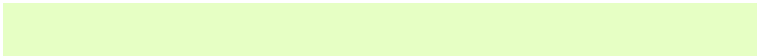
165.3590, 19.5430, 78.6152

Sweetspot

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



165.8410, -59.5746, -25.2936



240.7990, -22.0859, -9.4707



131.2830, -42.5375, 63.7728



119.1120, -13.3662, -6.2372



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.



165.8410, -59.5746, -25.2936



197.4410, -89.9434, -38.0978



142.2200, -47.9295, -73.8609



99.6640, -3.7784, -1.4593



126.1460, -62.1900, -26.4380



28.8840, -14.2398, -6.0373

Inverse Universe

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



83.1590, 59.5746, 25.2936



72.5590, 89.9434, 38.0978



106.7800, 47.9295, 73.8609



94.3360, 3.7784, 1.4593



39.8540, 62.1900, 26.4380



9.1160, 14.2398, 6.0373

Previews

White Background



This preview shows how the YUV color 165.8410, -59.5746, -25.2936 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 165.8410, -59.5746, -25.2936 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 165.8410, -59.5746, -25.2936 Background



This preview shows how black text looks on a background with the YUV color 165.8410, -59.5746, -25.2936.



This preview shows how white text looks on a background with the YUV color 165.8410, -59.5746, -25.2936.

-25.2936.

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

165.8410, -59.5746, -25.2936

Protanopia

175.0480, -66.5787, 28.0219

Deuteranopia

178.4060, -59.3602, 46.1249



Tritanopia

181.8430, 11.4164, -21.7873

Trichromacy



Original Color

165.8410, -59.5746, -25.2936

Protanomaly

171.9100, -64.0456, 8.8489

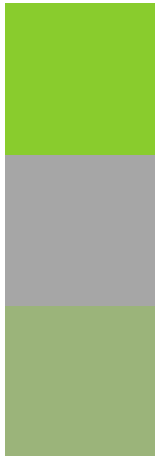
Deuteranomaly

174.1270, -59.7156, 20.0596

Tritanomaly

176.0730, -14.3330, -22.8660

Monochromacy



Original Color

165.8410, -59.5746, -25.2936

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9130, -21.6491, -9.5707

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8410, -59.5746, -25.2936 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(137, 204, 45)` looks like.

```
.text, #text, p{  
    color:rgb(137, 204, 45)  
}
```

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(137, 204, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 204, 45) }
```

Border

The CSS property to change the border of an element to YUV 165.8410, -59.5746, -25.2936 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(137, 204, 45) }
```


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

```
.border{ border-color:rgb(137, 204, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 204, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 204, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 204, 45);  
box-shadow:4px 4px 4px 4px rgb(137, 204,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 165.8410, -59.5746, -25.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 204, 45) }
```

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

```
.background{ background-color: rgb(137,  
204, 45) }
```

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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