

Converting Colors

YUV(159.1310, -45.9136,
-20.2859)

Have a look what the booklet for
YUV(159.1310, -45.9136, -20.2859)
contains.

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Color

**YUV(159.1310, -45.9136,
-20.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	88BD42
RGB	136, 189, 66
RGB Percent	53%, 74%, 26%
CMY	0.4667, 0.2588, 0.7412
CMYK	0.28, 0.00, 0.65, 0.26
HSL	86°, 48%, 50%
HSV	86°, 65%, 74%
XYZ	29.3343, 42.0228, 11.7194
YIQ	159.1310, 7.8950, -49.4890

Conversions

Conversions Part 2

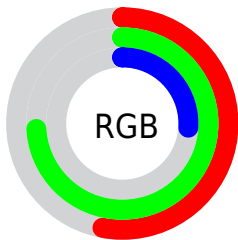
Format	Color
RYB	66, 189, 119
Decimal	8961346
CIELab	70.89, -36.62, 54.67
CIELCh	71, 65.798, 123.813
Yxy	42.0228, 0.3531, 0.5058
Android (android.graphics.Color)	4287151426 (0xFF88BD42)
YUV	159.1310, -45.9136, -20.2859
Hunter-Lab	64.8250, -32.6697, 34.6587

Details

The YUV color **159.1310, -45.9136, -20.2859** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **95.8690, 45.9136, 20.2859**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3760, -47.5134, -20.5008**, and **103.4640, -51.0078, -19.7009** is the 20% darker color. If you saturate the color by 10%, you get **154.5730, -53.0335, -23.3045**, and if you desaturate by 10%, it is **163.6890, -38.7937, -17.2673**.

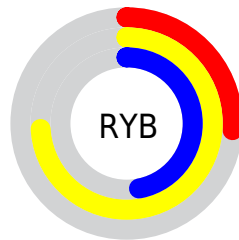
Distribution



Red (53%)

Green (74%)

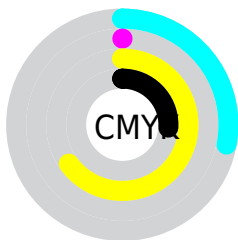
Blue (26%)



Red (26%)

Yellow (74%)

Blue (47%)

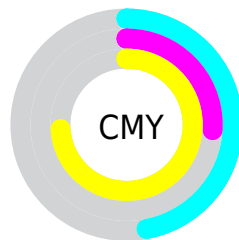


Cyan (28%)

Magenta (0%)

Yellow (65%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1310, -45.9136, -20.2859 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 159.1310, -45.9136, -20.2859 by changing the saturation by 10% instead.

■ 159.1310,
-45.9136, -20.2859

■ 159.1310,
-45.9136, -20.2859

■ 255.0000, 0.0000,
0.0000

■ 132.0170,
-46.3504, -20.1859

■ 215.3760,
-47.5134, -20.5008

■ 103.4640,
-51.0078, -19.7009

■ 232.5220,
-42.1623, -10.1048

■ 80.7160, -39.7930,
-23.4299

■ 244.5700,
-34.7910, 5.6391

■ 57.6690, -28.4308,
-27.7737

■ 249.0720,
-22.7135, 5.1989

■ 35.8070, -17.6529,
-31.4027

■ 252.2640,
-10.4832, 2.3995

■ 23.4800, -11.5756,
-20.5920

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 159.1310,
-45.9136, -20.2859

■ 159.1310,
-45.9136, -20.2859

■ 154.5730,
-53.0335, -23.3045

■ 163.6890,
-38.7937, -17.2673

■ 150.0150,
-60.1534, -26.3232

■ 168.2470,
-31.6738, -14.2486

■ 145.4570,
-67.2733, -29.3418

■ 172.8050,
-24.5539, -11.2300

■ 143.2350,
-70.6149, -30.9011

■ 177.6620,
-17.5814, -7.5966

■ 182.2200,
-10.4615, -4.5779

■ 186.6640, -3.7784,
-1.4593

■ 191.2220, 3.3416,
1.5593

■ 195.7800, 10.4615,
4.5779

■ 200.3380, 17.5814,
7.5966

Harmonies

Analogous

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



165.3130, -61.7793, 28.6665



159.1310, -45.9136, -20.2859



136.2560, -9.0002, -100.2025

Triad

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



159.1310, -45.9136, -20.2859



142.3610, 55.5310, -124.8506



164.0760, 1.9345, 79.7403

Complementary

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



159.1310, -45.9136, -20.2859



95.8690, 45.9136, 20.2859

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.



176.9490, 24.6751, 65.8197



159.1310, -45.9136, -20.2859



143.4230, 55.0075, -96.8410

Square

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



159.1310, -45.9136, -20.2859



145.2330, 46.2271, -127.3693



174.7830, 39.5470, 8.9603



163.9210, -26.5831, 79.8763

Rectangle

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



159.1310, -45.9136, -20.2859



136.1130, 11.2833, -119.3711



174.7830, 39.5470, 8.9603



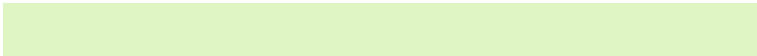
167.6440, 10.5285, 76.6112

Sweetspot

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



159.1310, -45.9136, -20.2859



233.1350, -18.3076, -8.0114



132.7140, -32.8900, 49.3628



115.1060, -10.8983, -4.4780



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.1310, -45.9136, -20.2859



198.7080, -71.3410, -31.3159



141.1910, -37.0692, -57.1725



91.7780, -3.3416, -1.5593



119.6560, -58.9904, -26.0083



23.2800, -11.4770, -5.5076

Inverse Universe

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



95.8690, 45.9136, 20.2859



100.2920, 71.3410, 31.3159



113.8090, 37.0692, 57.1725



87.2220, 3.3416, 1.5593



38.3440, 58.9904, 26.0083



7.4210, 11.6244, 4.8928

Previews

White Background



This preview shows how the YUV color 159.1310, -45.9136, -20.2859 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 159.1310, -45.9136, -20.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

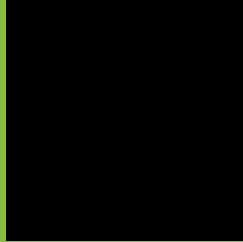
Any Text WCAG AA ✓ Pass

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 159.1310, -45.9136, -20.2859 Background



This preview shows how black text looks on a background with the YUV color 159.1310, -45.9136, -20.2859.



This preview shows how white text looks on a background with the YUV color 159.1310, -45.9136, -20.2859.

-20.2859.

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

159.1310, -45.9136, -20.2859

Protanopia

166.3260, -51.4327, 23.3931

Deuteranopia

168.6900, -46.6822, 39.7369



Tritanopia

171.1210, 9.8003, -16.7691

Trichromacy



Original Color

159.1310, -45.9136, -20.2859

Protanomaly

163.6830, -49.6367, 7.2940

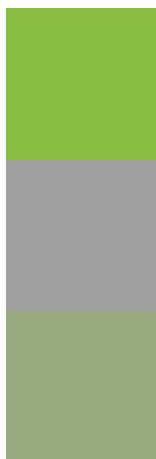
Deuteranomaly

165.2590, -46.4697, 18.1899

Tritanomaly

166.5450, -10.1287, -18.0180

Monochromacy



Original Color

159.1310, -45.9136, -20.2859

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1890, -16.8552, -7.1818

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1310, -45.9136, -20.2859 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(136, 189, 66)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 66)  
}
```

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(136, 189, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 66) }
```

Border

The CSS property to change the border of an element to YUV 159.1310, -45.9136, -20.2859 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(136, 189, 66) }
```


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

```
.border{ border-color:rgb(136, 189, 66) }
```

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

Here you see how a box with a 4 pixel rgb(136, 189, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 66);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 159.1310, -45.9136, -20.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 66) }
```

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

```
.background{ background-color: rgb(136,  
189, 66) }
```

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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