

Converting Colors

YUV(82.5050, -33.2800,
-59.2019)

Have a look what the booklet for
YUV(82.5050, -33.2800, -59.2019)
contains.

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Color

**YUV(82.5050, -33.2800,
-59.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	0F820F
RGB	15, 130, 15
RGB Percent	6%, 51%, 6%
CMY	0.9412, 0.4902, 0.9412
CMYK	0.88, 0.00, 0.88, 0.49
HSL	120°, 79%, 28%
HSV	120°, 88%, 51%
XYZ	8.2659, 16.1013, 3.1241
YIQ	82.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

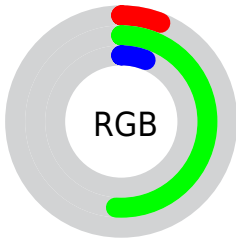
Format	Color
RYB	15, 130, 130
Decimal	1016335
CIELab	47.11, -50.49, 47.58
CIELCh	47, 69.374, 136.701
Yxy	16.1013, 0.3007, 0.5857
Android (android.graphics.Color)	4279206415 (0xFF0F820F)
YUV	82.5050, -33.2800, -59.2019
Hunter-Lab	40.1264, -33.4511, 23.4723

Details

The YUV color **82.5050, -33.2800, -59.2019** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **62.4950, 33.2800, 59.2019**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8160, -34.9123, -48.9506**, and **46.3730, -22.8619, -40.6691** is the 20% darker color. If you saturate the color by 10%, you get **77.1360, -37.0420, -65.8943**, and if you desaturate by 10%, it is **87.8740, -29.5179, -52.5095**.

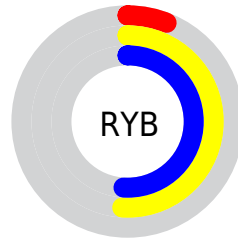
Distribution



Red (6%)

Green (51%)

Blue (6%)



Red (6%)

Yellow (51%)

Blue (51%)

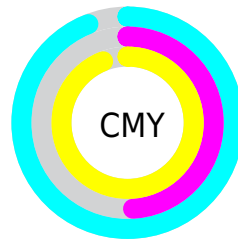


Cyan (88%)

Magenta (0%)

Yellow (88%)

Black (49%)



Cyan (94%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5050, -33.2800, -59.2019 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 82.5050, -33.2800, -59.2019 by changing the saturation by 10% instead.

■ 82.5050, -33.2800,
-59.2019

■ 82.5050, -33.2800,
-59.2019

255.0000, 0.0000,
0.0000

■ 61.0480, -30.0967,
-53.5391

■ 141.8160,
-34.9123, -48.9506

■ 46.3730, -22.8619,
-40.6691

■ 169.8870,
-35.9333, -48.1359

■ 32.2850, -15.9165,
-28.3139

■ 198.6590,
-36.8069, -47.9359

■ 18.7840, -9.2605,
-16.4736

■ 218.3270,
-33.1922, -40.6288

■ 0.0000, 0.0000,
0.0000

■ 230.0760,
-25.6735, -25.4997

■ 242.2380,

-17.8653, -9.8557

■ 252.7200, -8.7360,
1.9996

■ 82.5050, -33.2800,
-59.2019

■ 82.5050, -33.2800,
-59.2019

■ 77.1360, -37.0420,
-65.8943

■ 87.8740, -29.5179,
-52.5095

■ 76.3100, -37.6208,
-66.9239

■ 93.2430, -25.7558,
-45.8171

■ 98.6120, -21.9937,
-39.1247

■ 103.9810,
-18.2316, -32.4323

■ 109.3500,
-14.4696, -25.7400

■ 114.7190,
-10.7075, -19.0476

■ 120.0880, -6.9454,
-12.3552

■ 125.4570, -3.1833,
-5.6628

■ 130.8260, 0.5788,
1.0296

Harmonies

Analogous

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



101.2480, -49.9153, 3.2905



82.5050, -33.2800, -59.2019



88.7070, -2.8136, -77.7960

Triad

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



82.5050, -33.2800, -59.2019



99.7260, 62.2531, -87.4597



95.6290, -6.7191, 102.0574

Complementary

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



82.5050, -33.2800, -59.2019



62.4950, 33.2800, 59.2019

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.



101.3000, 19.0791, 87.4369



82.5050, -33.2800, -59.2019



89.3450, 66.8779, -77.4786

Square

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



82.5050, -33.2800, -59.2019



101.5890, 46.5446, -89.0936



113.5350, 39.1762, 34.6108



102.8320, -38.3712, 80.8313

Rectangle

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



82.5050, -33.2800, -59.2019



94.5550, 14.5164, -82.9247



113.5350, 39.1762, 34.6108



94.8600, 3.0270, 102.7318

Sweetspot

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



82.5050, -33.2800, -59.2019



149.4150, -13.0226, -23.1660



116.8900, -50.2318, 11.4975



72.8490, -7.8136, -13.8996



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



82.5050, -33.2800, -59.2019



98.6160, -48.6177, -86.4862



89.1170, -7.9457, -65.0006



61.1090, -2.0257, -3.6036



75.1360, -37.0420, -65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.4950, 33.2800, 59.2019



69.3840, 48.6177, 86.4862



55.9970, 8.3825, 64.9006



59.8910, 2.0257, 3.6036



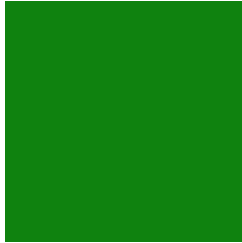
52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.5050, -33.2800, -59.2019 looks on a white background.

Color Contrast Check

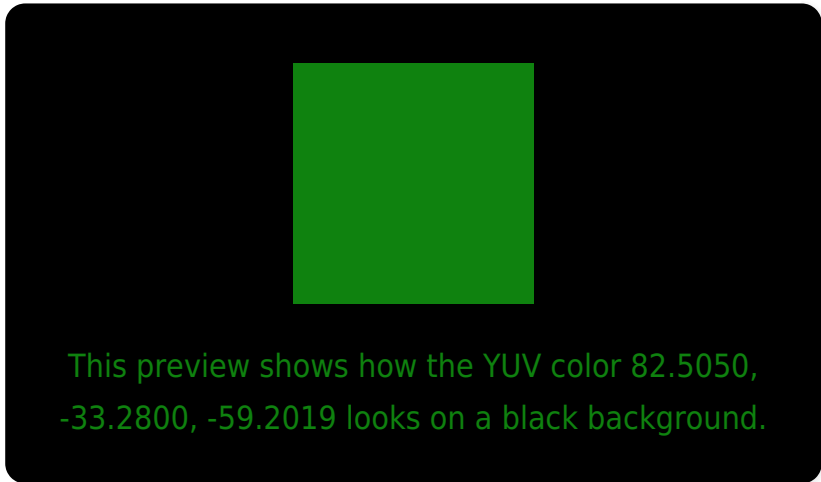
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5050, -33.2800, -59.2019

Background



This preview shows how black text looks on a background with the YUV color 82.5050, -33.2800, -59.2019.



This preview shows how white text looks on a background with the YUV color 82.5050, -33.2800,

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

82.5050, -33.2800, -59.2019

Protanopia

103.3300, -47.4907, 19.0046

Deuteranopia

107.6160, -37.7717, 28.4008



Tritanopia

102.7050, 13.9494, -40.9603

Trichromacy



Original Color

82.5050, -33.2800, -59.2019

Protanomaly

95.8210, -42.3098, -9.4900

Deuteranomaly

98.7600, -36.3637, -3.2975

Tritanomaly

95.1930, -3.0531, -47.5273

Monochromacy



Original Color

82.5050, -33.2800, -59.2019

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6540, -12.1544, -21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5050, -33.2800, -59.2019 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(15, 130, 15)` looks like.

```
.text, #text, p{  
    color:rgb(15, 130, 15)  
}
```

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(15, 130, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 130, 15) }
```

Border

The CSS property to change the border of an element to YUV 82.5050, -33.2800, -59.2019 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(15, 130, 15) }
```


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

```
.border{ border-color:rgb(15, 130, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 130, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 130, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 130, 15);  
box-shadow:4px 4px 4px 4px rgb(15, 130,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 82.5050, -33.2800, -59.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 130, 15) }
```

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

```
.background{ background-color: rgb(15, 130,  
15) }
```

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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