

Converting Colors

YUV(119.4940, -46.5855,
-38.1442)

Have a look what the booklet for
YUV(119.4940, -46.5855, -38.1442)
contains.

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Color

**YUV(119.4940, -46.5855,
-38.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA019
RGB	76, 160, 25
RGB Percent	30%, 63%, 10%
CMY	0.7020, 0.3725, 0.9020
CMYK	0.52, 0.00, 0.84, 0.37
HSL	97°, 73%, 36%
HSV	97°, 84%, 63%
XYZ	15.7268, 26.7483, 5.2538
YIQ	119.4940, -6.7290, -59.7930

Conversions

Conversions Part 2

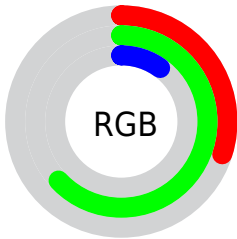
Format	Color
R_{YB}	25, 160, 109
Decimal	5021721
CIE _{Lab}	58.74, -47.66, 56.05
CIE _{LCh}	59, 73.576, 130.375
Yxy	26.7483, 0.3295, 0.5604
Android (android.graphics.Color)	4283211801 (0xFF4CA019)
YUV	119.4940, -46.5855, -38.1442
Hunter-Lab	51.7188, -36.2291, 30.1803

Details

The YUV color **119.4940, -46.5855, -38.1442** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **65.5060, 46.5855, 38.1442**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0210, -45.8594, -37.7294**, and **62.8090, -30.9648, -55.0835** is the 20% darker color. If you saturate the color by 10%, you get **114.6800, -52.1002, -42.6924**, and if you desaturate by 10%, it is **124.3080, -41.0708, -33.5961**.

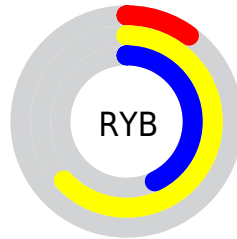
Distribution



Red (30%)

Green (63%)

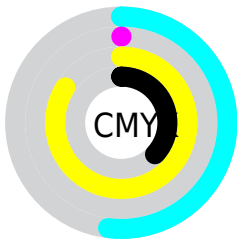
Blue (10%)



Red (10%)

Yellow (63%)

Blue (43%)

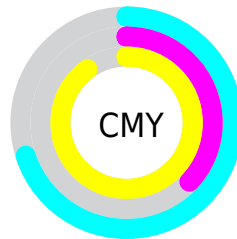


Cyan (52%)

Magenta (0%)

Yellow (84%)

Black (37%)



Cyan (70%)

Magenta (37%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4940, -46.5855, -38.1442 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 119.4940, -46.5855, -38.1442 by changing the saturation by 10% instead.

■ 119.4940,
-46.5855, -38.1442

■ 119.4940,
-46.5855, -38.1442

255.0000, 0.0000,
0.0000

■ 91.5260, -45.1223,
-40.8033

■ 176.0210,
-45.8594, -37.7294

■ 62.8090, -30.9648,
-55.0835

■ 204.2060,
-46.4436, -37.0147

■ 48.1340, -23.7301,
-42.2135

■ 222.4120,
-42.1081, -27.5483

■ 34.0460, -16.7847,
-29.8583

■ 234.2750,
-34.1526, -12.5192

■ 21.7190, -10.7075,
-19.0476

■ 246.4370,
-26.3444, 3.1248

■ 0.0000, 0.0000,
0.0000

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 119.4940,
-46.5855, -38.1442

■ 119.4940,
-46.5855, -38.1442

■ 114.6800,
-52.1002, -42.6924

■ 124.3080,
-41.0708, -33.5961

■ 111.8600,
-55.1470, -45.4812

■ 129.1220,
-35.5561, -29.0480

■ 133.9360,
-30.0414, -24.4999

■ 138.7500,
-24.5267, -19.9518

■ 143.5640,
-19.0121, -15.4036

■ 148.3780,
-13.4974, -10.8555

■ 153.1920, -7.9827,
-6.3074

■ 158.0060, -2.4680,
-1.7593

■ 162.8200, 3.0467,
2.7889

Harmonies

Analogous

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



130.5520, -64.3621, 17.0559



119.4940, -46.5855, -38.1442



109.4460, -7.1219, -95.9841

Triad

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



119.4940, -46.5855, -38.1442



122.9900, 65.0809, -107.8622



130.0690, -3.9780, 109.5645

Complementary

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



119.4940, -46.5855, -38.1442



65.5060, 46.5855, 38.1442

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.



138.1300, 23.5999, 84.0780



119.4940, -46.5855, -38.1442



112.4240, 70.2900, -98.5958

Square

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



119.4940, -46.5855, -38.1442



124.1520, 49.2251, -108.8813



144.9340, 47.3605, 22.8599



133.2020, -36.0886, 95.4158

Rectangle

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



119.4940, -46.5855, -38.1442



115.7500, 11.9552, -101.5127



144.9340, 47.3605, 22.8599



131.5660, 5.6370, 105.6206

Sweetspot

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



119.4940, -46.5855, -38.1442



193.5040, -17.9965, -14.4740



114.0860, -43.9194, 40.2666



95.3720, -11.0294, -9.0962



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.4940, -46.5855, -38.1442



146.3040, -72.1279, -59.0256



106.0690, -32.0790, -71.0975



76.5930, -2.7573, -2.2741



100.0870, -49.3429, -40.4183



10.5990, -5.2253, -4.0333

Inverse Universe

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



65.5060, 46.5855, 38.1442



62.6960, 72.1279, 59.0256



78.9310, 32.0790, 71.0975



73.4070, 2.7573, 2.2741



42.9130, 49.3429, 40.4183



4.7000, 5.0779, 4.6481

Previews

White Background



This preview shows how the YUV color 119.4940, -46.5855, -38.1442 looks on a white 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

Black Background



This preview shows how the YUV color 119.4940, -46.5855, -38.1442 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 × Fail

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

YUV 119.4940, -46.5855, -38.1442 Background



This preview shows how black text looks on a background with the YUV color 119.4940, -46.5855, -38.1442.



This preview shows how white text looks on a background with the YUV color 119.4940, -46.5855, -38.1442.

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

119.4940, -46.5855, -38.1442

Protanopia

132.1750, -55.7953, 22.6485

Deuteranopia

135.2550, -46.9607, 35.7334



Tritanopia

135.1190, 12.7593, -32.5534

Trichromacy



Original Color

119.4940, -46.5855, -38.1442

Protanomaly

127.5420, -52.5252, 0.4017

Deuteranomaly

129.7910, -46.7320, 8.9533

Tritanomaly

129.4890, -8.6221, -34.6319

Monochromacy



Original Color

119.4940, -46.5855, -38.1442

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1450, -16.8335, -14.1592

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4940, -46.5855, -38.1442 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(76, 160, 25)` looks like.

```
.text, #text, p{  
    color:rgb(76, 160, 25)  
}
```

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(76, 160, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 160, 25) }
```

Border

The CSS property to change the border of an element to YUV 119.4940, -46.5855, -38.1442 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(76, 160, 25) }
```


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

```
.border{ border-color:rgb(76, 160, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 160, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 160, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 160, 25);  
box-shadow:4px 4px 4px 4px rgb(76, 160,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 119.4940, -46.5855, -38.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 160, 25) }
```

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

```
.background{ background-color: rgb(76, 160,  
25) }
```

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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