

Converting Colors

YUV(119.2360, -45.4723,
-68.6130)

Have a look what the booklet for
YUV(119.2360, -45.4723, -68.6130)
contains.

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Color

**YUV(119.2360, -45.4723,
-68.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	29B11B
RGB	41, 177, 27
RGB Percent	16%, 69%, 11%
CMY	0.8392, 0.3059, 0.8941
CMYK	0.77, 0.00, 0.85, 0.31
HSL	114°, 74%, 40%
HSV	114°, 85%, 69%
XYZ	16.8344, 31.9948, 6.3253
YIQ	119.2360, -32.9060, -75.4820

Conversions

Conversions Part 2

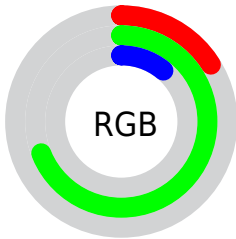
Format	Color
RYB	27, 177, 163
Decimal	2732315
CIELab	63.34, -61.18, 59.33
CIELCh	63, 85.226, 135.879
Yxy	31.9948, 0.3052, 0.5801
Android (android.graphics.Color)	4280922395 (0xFF29B11B)
YUV	119.2360, -45.4723, -68.6130
Hunter-Lab	56.5640, -45.8622, 32.9647

Details

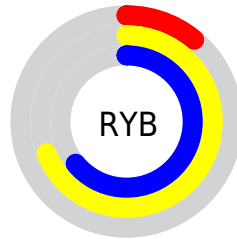
The YUV color **119.2360, -45.4723, -68.6130** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **84.7640, 45.4723, 68.6130**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1660, -45.9308, -61.5356**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **112.4000, -50.9762, -76.6498**, and if you desaturate by 10%, it is **126.0720, -39.9685, -60.5761**.

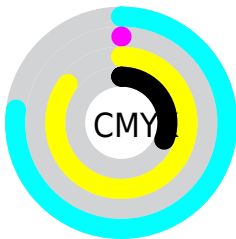
Distribution



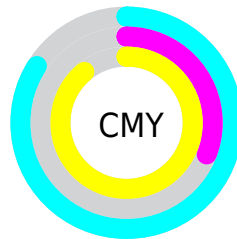
- Red (16%)
- Green (69%)
- Blue (11%)



- Red (11%)
- Yellow (69%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (85%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2360, -45.4723, -68.6130 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 119.2360, -45.4723, -68.6130 by changing the saturation by 10% instead.

■ 119.2360,
-45.4723, -68.6130

■ 119.2360,
-45.4723, -68.6130

■ 255.0000, 0.0000,
0.0000

■ 88.0500, -43.4087,
-77.2198

■ 180.1660,
-45.9308, -61.5356

■ 72.2010, -35.5951,
-63.3203

■ 204.8400,
-44.7841, -55.9877

■ 56.9390, -28.0709,
-49.9355

■ 217.0020,
-36.9760, -40.3438

■ 41.6770, -20.5468,
-36.5507

■ 229.1640,
-29.1679, -24.6998

■ 28.7630, -14.1802,
-25.2252

■ 241.3260,
-21.3597, -9.0559

■ 11.7400, -5.7878,
-10.2960

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 119.2360,
-45.4723, -68.6130

■ 119.2360,
-45.4723, -68.6130

■ 112.4000,
-50.9762, -76.6498

■ 126.0720,
-39.9685, -60.5761

■ 108.9820,
-53.7281, -80.6682

■ 132.7940,
-34.9014, -52.4393

■ 139.6300,
-29.3976, -44.4025

■ 146.4660,
-23.8937, -36.3657

■ 153.1880,
-18.8267, -28.2289

■ 160.0240,
-13.3228, -20.1920

■ 166.8600, -7.8190,
-12.1552

■ 173.6960, -2.3151,
-4.1184

■ 180.4180, 2.7519,
4.0184

Harmonies

Analogous

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



139.3460, -68.6976, 7.5896



119.2360, -45.4723, -68.6130



120.8900, -3.8898, -106.0205

Triad

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



119.2360, -45.4723, -68.6130



130.6210, 61.3188, -114.5546



125.3900, -4.1363, 113.6680

Complementary

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



119.2360, -45.4723, -68.6130



84.7640, 45.4723, 68.6130

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.



138.0490, 26.5978, 102.5660



119.2360, -45.4723, -68.6130



116.5330, 68.2642, -102.1994

Square

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



119.2360, -45.4723, -68.6130



137.0780, 58.1355, -120.2174



155.5220, 49.0427, 43.3922



139.8470, -47.7456, 100.9892

Rectangle

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



119.2360, -45.4723, -68.6130



128.2200, 19.1185, -112.4489



155.5220, 49.0427, 43.3922



125.3050, 8.2306, 113.7425

Sweetspot

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



119.2360, -45.4723, -68.6130



207.5410, -17.5217, -26.7845



151.0950, -61.1788, 22.7187



101.7410, -10.7183, -15.5589



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



119.2360, -45.4723, -68.6130



141.2890, -69.6555, -105.4935



121.8900, -17.2008, -83.2185



85.5820, -2.7519, -4.0184



93.9970, -46.3405, -70.1574



15.8600, -7.8190, -12.1552

Inverse Universe

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



84.7640, 45.4723, 68.6130



88.4120, 69.8029, 104.8787



82.1100, 17.2008, 83.2185



83.4180, 2.7519, 4.0184



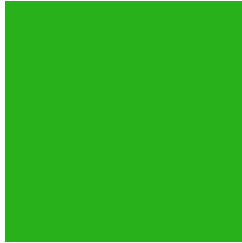
59.0030, 46.3405, 70.1574



9.8410, 7.9664, 11.5404

Previews

White Background



This preview shows how the YUV color 119.2360, -45.4723, -68.6130 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 119.2360, -45.4723, -68.6130 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 119.2360, -45.4723, -68.6130 Background



This preview shows how black text looks on a background with the YUV color 119.2360, -45.4723, -68.6130.



This preview shows how white text looks on a background with the YUV color 119.2360, -45.4723, -68.6130.

-68.6130.

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

119.2360, -45.4723, -68.6130

Protanopia

142.6330, -60.4581, 24.8779

Deuteranopia

146.8810, -49.7343, 38.6924



Tritanopia

141.6650, 17.9132, -52.3262

Trichromacy



Original Color

119.2360, -45.4723, -68.6130



Protanomaly

134.2050, -54.8241, -8.9498



Deuteranomaly

136.6820, -48.1572, -0.5981



Tritanomaly

133.2580, -5.0572, -58.1083

Monochromacy



Original Color

119.2360, -45.4723, -68.6130



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.1930, -16.3641, -24.7253

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2360, -45.4723, -68.6130 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(41, 177, 27)` looks like.

```
.text, #text, p{  
    color:rgb(41, 177, 27)  
}
```

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(41, 177, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 177, 27) }
```

Border

The CSS property to change the border of an element to YUV 119.2360, -45.4723, -68.6130 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(41, 177, 27) }
```


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

```
.border{ border-color:rgb(41, 177, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 177, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 177, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 177, 27);  
box-shadow:4px 4px 4px 4px rgb(41, 177,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 119.2360, -45.4723, -68.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 177, 27) }
```

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

```
.background{ background-color: rgb(41, 177,  
27) }
```

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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