

Converting Colors

YUV(127.5920, -48.6059,
-43.4922)

Have a look what the booklet for
YUV(127.5920, -48.6059, -43.4922)
contains.

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Color

**YUV(127.5920, -48.6059,
-43.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	4EAC1D
RGB	78, 172, 29
RGB Percent	31%, 67%, 11%
CMY	0.6941, 0.3255, 0.8863
CMYK	0.55, 0.00, 0.83, 0.33
HSL	99°, 71%, 39%
HSV	99°, 83%, 67%
XYZ	18.1162, 31.2135, 6.2324
YIQ	127.5920, -10.1210, -64.4010

Conversions

Conversions Part 2

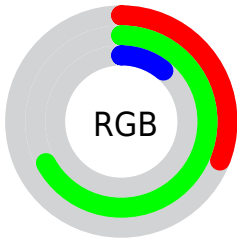
Format	Color
RYB	29, 172, 123
Decimal	5155869
CIELab	62.69, -51.42, 58.59
CIElCh	63, 77.955, 131.272
Yxy	31.2135, 0.3261, 0.5618
Android (android.graphics.Color)	4283345949 (0xFF4EAC1D)
YUV	127.5920, -48.6059, -43.4922
Hunter-Lab	55.8690, -39.8900, 32.4943

Details

The YUV color **127.5920, -48.6059, -43.4922** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **73.4080, 48.6059, 43.4922**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4180, -48.0271, -42.4626**, and **69.8530, -34.4375, -61.2611** is the 20% darker color. If you saturate the color by 10%, you get **122.3650, -54.4099, -48.5551**, and if you desaturate by 10%, it is **132.8190, -42.8018, -38.4293**.

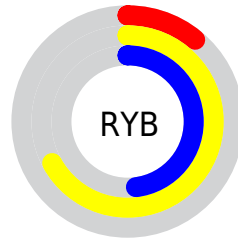
Distribution



Red (31%)

Green (67%)

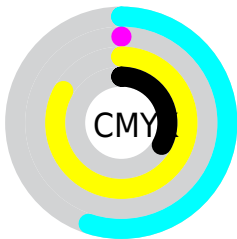
Blue (11%)



Red (11%)

Yellow (67%)

Blue (48%)

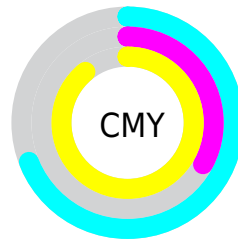


Cyan (55%)

Magenta (0%)

Yellow (83%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5920, -48.6059, -43.4922 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 127.5920, -48.6059, -43.4922 by changing the saturation by 10% instead.

■ 127.5920,
-48.6059, -43.4922

■ 127.5920,
-48.6059, -43.4922

■ 255.0000, 0.0000,
0.0000

■ 98.8690, -48.7424,
-46.3661

■ 184.4180,
-48.0271, -42.4626

■ 69.8530, -34.4375,
-61.2611

■ 212.1300,
-47.8851, -41.3330

■ 54.5910, -26.9134,
-47.8763

■ 224.1780,
-40.5138, -25.5891

■ 39.9160, -19.6786,
-35.0063

■ 236.0410,
-32.5582, -10.5600

■ 27.0020, -13.3120,
-23.6808

■ 248.2030,
-24.7501, 5.0840

■ 9.9790, -4.9196,
-8.7516

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 127.5920,
-48.6059, -43.4922

■ 127.5920,
-48.6059, -43.4922

■ 122.3650,
-54.4099, -48.5551

■ 132.8190,
-42.8018, -38.4293

■ 118.6050,
-58.4723, -52.2736

■ 138.3450,
-37.1451, -32.7516

■ 143.6860,
-30.9042, -27.7886

■ 148.9130,
-25.1001, -22.7257

■ 154.4390,
-19.4434, -17.0480

■ 159.6660,
-13.6393, -11.9851

■ 164.8930, -7.8352,
-6.9222

■ 170.2340, -1.5944,
-1.9592

■ 175.7600, 4.0623,
3.7185

Harmonies

Analogous

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



139.4010, -68.7247, 16.3113



127.5920, -48.6059, -43.4922



117.5160, -6.6634, -103.0615

Triad

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



127.5920, -48.6059, -43.4922



129.4470, 61.8976, -113.5250



133.8020, -2.3674, 106.2906

Complementary

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



127.5920, -48.6059, -43.4922



73.4080, 48.6059, 43.4922

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.



147.8150, 24.7412, 91.3702



127.5920, -48.6059, -43.4922



117.7070, 67.6854, -103.2290

Square

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



127.5920, -48.6059, -43.4922



133.8350, 53.3253, -117.3733



155.1240, 49.2389, 27.0783



141.5400, -38.7202, 99.5044

Rectangle

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



127.5920, -48.6059, -43.4922



124.2760, 14.1609, -108.9901



155.1240, 49.2389, 27.0783



135.8370, 7.9684, 104.5060

Sweetspot

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



127.5920, -48.6059, -43.4922



206.8520, -19.1540, -16.5332



126.3480, -47.9926, 40.0368



101.6600, -11.1714, -10.2258



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



127.5920, -48.6059, -43.4922



154.5110, -76.1739, -67.9771



115.3350, -32.2102, -75.7158



84.1800, -3.0467, -2.7889



103.5980, -51.0738, -45.2514



15.8930, -7.8352, -6.9222

Inverse Universe

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



73.4080, 48.6059, 43.4922



69.7880, 76.0265, 68.5919



85.6650, 32.2102, 75.7158



80.8200, 3.0467, 2.7889



46.7010, 50.9264, 45.8662



7.1070, 7.8352, 6.9222

Previews

White Background



This preview shows how the YUV color 127.5920, -48.6059, -43.4922 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 127.5920, -48.6059, -43.4922 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 127.5920, -48.6059, -43.4922 Background



This preview shows how black text looks on a background with the YUV color 127.5920, -48.6059, -43.4922.



This preview shows how white text looks on a background with the YUV color 127.5920, -48.6059, -43.4922.

-43.4922.

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

127.5920, -48.6059, -43.4922

Protanopia

142.0890, -58.7109, 24.4779

Deuteranopia

145.5820, -49.5869, 38.0776



Tritanopia

144.4390, 14.0806, -36.3420

Trichromacy



Original Color

127.5920, -48.6059, -43.4922

Protanomaly

137.1460, -55.2880, -0.1280

Deuteranomaly

139.3950, -49.4947, 8.4236

Tritanomaly

138.1680, -8.4638, -38.7353

Monochromacy



Original Color

127.5920, -48.6059, -43.4922

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9060, -17.7017, -15.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5920, -48.6059, -43.4922 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(78, 172, 29)` looks like.

```
.text, #text, p{  
    color:rgb(78, 172, 29)  
}
```

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(78, 172, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 172, 29) }
```

Border

The CSS property to change the border of an element to YUV 127.5920, -48.6059, -43.4922 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(78, 172, 29) }
```


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

```
.border{ border-color:rgb(78, 172, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 172, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 172, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 172, 29);  
box-shadow:4px 4px 4px 4px rgb(78, 172,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 127.5920, -48.6059, -43.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 172, 29) }
```

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

```
.background{ background-color: rgb(78, 172,  
29) }
```

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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