

Converting Colors

YUV(129.0480, -63.6207,
-34.2451)

Have a look what the booklet for
YUV(129.0480, -63.6207, -34.2451)
contains.

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Color

**YUV(129.0480, -63.6207,
-34.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	5AAE00
RGB	90, 174, 0
RGB Percent	35%, 68%, 0%
CMY	0.6471, 0.3176, 1.0000
CMYK	0.48, 0.00, 1.00, 0.32
HSL	89°, 100%, 34%
HSV	89°, 100%, 68%
XYZ	19.3525, 32.4458, 5.2427
YIQ	129.0480, 5.7900, -71.9220

Conversions

Conversions Part 2

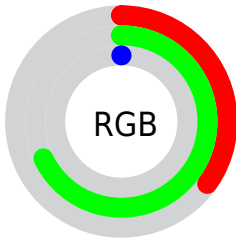
Format	Color
RYB	0, 174, 84
Decimal	5942784
CIELab	63.71, -49.43, 64.67
CIELCh	64, 81.395, 127.390
Yxy	32.4458, 0.3393, 0.5688
Android (android.graphics.Color)	4284132864 (0xFF5AAE00)
YUV	129.0480, -63.6207, -34.2451
Hunter-Lab	56.9612, -39.0369, 34.4158

Details

The YUV color **129.0480, -63.6207, -34.2451** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **44.9520, 63.6207, 34.2451**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8120, -55.6163, -34.9151**, and **77.6050, -38.2593, -48.7656** is the 20% darker color. If you saturate the color by 10%, you get **129.0480, -63.6207, -34.2451**, and if you desaturate by 10%, it is **133.3780, -57.3744, -31.0265**.

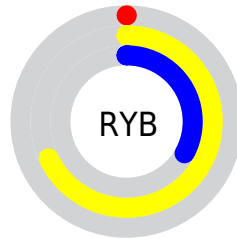
Distribution



Red (35%)

Green (68%)

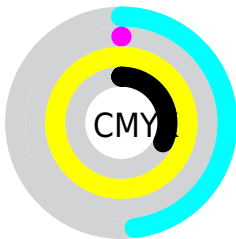
Blue (0%)



Red (0%)

Yellow (68%)

Blue (33%)

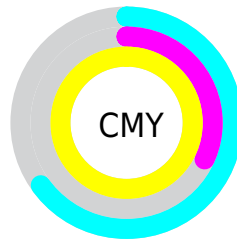


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (65%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0480, -63.6207, -34.2451 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 129.0480, -63.6207, -34.2451 by changing the saturation by 10% instead.

■ 129.0480,
-63.6207, -34.2451

■ 129.0480,
-63.6207, -34.2451

■ 255.0000, 0.0000,
0.0000

■ 104.2290,
-51.3849, -38.7888

■ 187.8120,
-55.6163, -34.9151

■ 77.6050, -38.2593,
-48.7656

■ 214.4640,
-54.4588, -32.8559

■ 55.7650, -27.4921,
-48.9059

■ 226.2130,
-46.9400, -17.7268

■ 41.0900, -20.2574,
-36.0359

■ 238.3750,
-39.1319, -2.0829

■ 28.1760, -13.8908,
-24.7104

■ 247.3620,
-29.2655, 6.6985

■ 12.3270, -6.0772,
-10.8108

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 253.9740, -3.9312,
0.8998

■ 129.0480,
-63.6207, -34.2451

■ 133.3780,
-57.3744, -31.0265

■ 138.1210,
-50.8387, -27.2931

■ 142.4510,
-44.5923, -24.0745

■ 147.1940,
-38.0566, -20.3411

■ 151.5240,
-31.8103, -17.1225

■ 155.8540,
-25.5640, -13.9040

■ 160.5970,
-19.0283, -10.1706

■ 164.9270,
-12.7820, -6.9520

■ 169.6700, -6.2463,
-3.2186

Harmonies

Analogous

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



142.9890, -70.4936, 23.6886



129.0480, -63.6207, -34.2451



118.2510, -11.4627, -103.7061

Triad

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



129.0480, -63.6207, -34.2451



132.9690, 60.1613, -116.6138



132.1210, 3.8843, 107.7649

Complementary

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



129.0480, -63.6207, -34.2451



44.9520, 63.6207, 34.2451

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.



150.8840, 30.1302, 89.5557



129.0480, -63.6207, -34.2451



121.8160, 65.6597, -106.8326

Square

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



129.0480, -63.6207, -34.2451



136.0690, 51.7310, -119.3325



155.6560, 48.9766, 17.8417



139.4030, -34.2157, 101.3786

Rectangle

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



129.0480, -63.6207, -34.2451



125.8260, 9.9458, -110.3494



155.6560, 48.9766, 17.8417



135.4440, 14.0781, 104.8506

Sweetspot

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



129.0480, -63.6207, -34.2451



209.3810, -24.8378, -13.4891



99.5730, -49.0895, 65.2725



104.2320, -15.3974, -8.0965



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.



129.0480, -63.6207, -34.2451



168.2320, -82.9384, -44.9305



103.9320, -51.2385, -85.8864



84.7780, -3.3416, -1.5593



111.3720, -54.9064, -29.2672



17.0890, -8.4249, -4.4631

Inverse Universe

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



44.9520, 63.6207, 34.2451



58.7680, 82.9384, 44.9305



70.0680, 51.2385, 85.8864



80.2220, 3.3416, 1.5593



38.9270, 54.7590, 29.8820



5.9110, 8.4249, 4.4631

Previews

White Background



This preview shows how the YUV color 129.0480, -63.6207, -34.2451 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 129.0480, -63.6207, -34.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

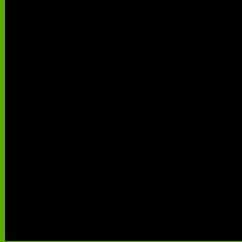
Any Text WCAG AA ✓ Pass

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 129.0480, -63.6207, -34.2451 Background



This preview shows how black text looks on a background with the YUV color 129.0480, -63.6207, -34.2451.



This preview shows how white text looks on a background with the YUV color 129.0480, -63.6207, -34.2451.

-34.2451.

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



Deuteranopia

147.3990, -55.4127, 39.9921



Tritanopia

148.8310, 12.9013, -31.4238

Trichromacy



Deuteranomaly

140.7240, -58.5309, 13.3971



Tritanomaly

141.4910, -15.0321, -32.0026

Monochromacy



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.8480, -23.0961, -12.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0480, -63.6207, -34.2451 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(90, 174, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 174, 0)  
}
```

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(90, 174, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 174, 0) }
```

Border

The CSS property to change the border of an element to YUV 129.0480, -63.6207, -34.2451 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(90, 174, 0) }
```

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

```
.border{ border-color:rgb(90, 174, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 174, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 174, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 174, 0);  
box-shadow:4px 4px 4px 4px rgb(90, 174, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 129.0480, -63.6207, -34.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 174, 0) }
```

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

```
.background{ background-color: rgb(90, 174,  
0) }
```

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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