

Converting Colors

YUV(129.9160, -19.6786,
-35.0063)

Have a look what the booklet for
YUV(129.9160, -19.6786, -35.0063)
contains.

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Color

**YUV(129.9160, -19.6786,
-35.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9E5A
RGB	90, 158, 90
RGB Percent	35%, 62%, 35%
CMY	0.6471, 0.3804, 0.6471
CMYK	0.43, 0.00, 0.43, 0.38
HSL	120°, 27%, 49%
HSV	120°, 43%, 62%
XYZ	18.2888, 27.3656, 13.9910
YIQ	129.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

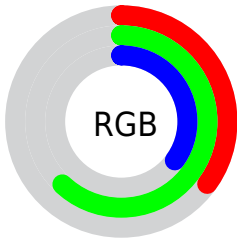
Format	Color
R_{YB}	90, 158, 158
Decimal	5938778
CIE _{Lab}	59.31, -35.96, 28.92
CIE _{LCh}	59, 46.147, 141.188
Yxy	27.3656, 0.3066, 0.4588
Android (android.graphics.Color)	4284128858 (0xFF5A9E5A)
YUV	129.9160, -19.6786, -35.0063
Hunter-Lab	52.3121, -29.1410, 20.7612

Details

The YUV color **129.9160, -19.6786, -35.0063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118.0840, 19.6786, 35.0063**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1610, -21.2784, -35.2212**, and **77.7740, -17.6366, -36.6358** is the 20% darker color. If you saturate the color by 10%, you get **123.3080, -24.3088, -43.2431**, and if you desaturate by 10%, it is **136.5240, -15.0483, -26.7695**.

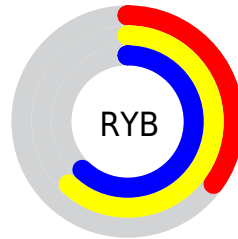
Distribution



Red (35%)

Green (62%)

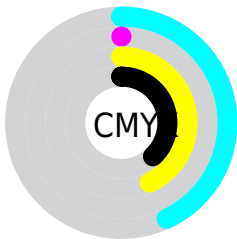
Blue (35%)



Red (35%)

Yellow (62%)

Blue (62%)

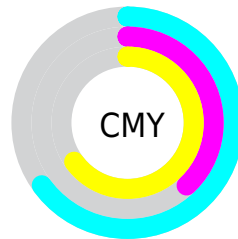


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9160, -19.6786, -35.0063 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 129.9160, -19.6786, -35.0063 by changing the saturation by 10% instead.

■ 129.9160,
-19.6786, -35.0063

■ 129.9160,
-19.6786, -35.0063

■ 255.0000, 0.0000,
0.0000

■ 104.1440,
-18.8050, -35.2063

■ 184.1610,
-21.2784, -35.2212

■ 77.7740, -17.6366,
-36.6358

■ 212.3350,
-21.8572, -36.2508

■ 49.7130, -15.1415,
-43.5983

■ 231.4160,
-17.9531, -28.4288

■ 33.4590, -16.4953,
-29.3435

■ 243.2790, -9.9975,
-13.3997

■ 21.7190, -10.7075,
-19.0476

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 129.9160,
-19.6786, -35.0063

■ 129.9160,
-19.6786, -35.0063

■ 123.3080,
-24.3088, -43.2431

■ 136.5240,
-15.0483, -26.7695

■ 116.7000,
-28.9391, -51.4799

■ 143.1320,
-10.4181, -18.5328

■ 110.5050,
-33.2800, -59.2019

■ 149.3270, -6.0772,
-10.8108

■ 103.8970,
-37.9102, -67.4387

■ 155.9350, -1.4470,
-2.5740

■ 97.2890, -42.5405,
-75.6755

■ 162.5430, 3.1833,
5.6628

■ 92.7460, -45.7238,
-81.3382

■ 169.1510, 7.8136,
13.8996

■ 175.7590, 12.4438,
22.1364

■ 181.9540, 16.7847,

29.8583

■ 188.5620, 21.4149,
38.0951

Harmonies

Analogous

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



136.0210, -35.5064, 1.7356



129.9160, -19.6786, -35.0063



109.8000, 9.4656, -96.2946

Triad

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



129.9160, -19.6786, -35.0063



115.8530, 52.8235, -96.3411



143.2750, -13.4466, 66.4108

Complementary

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



129.9160, -19.6786, -35.0063



118.0840, 19.6786, 35.0063

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.



145.2690, 5.7834, 58.5231



129.9160, -19.6786, -35.0063



142.9450, 37.0021, -14.8608

Square

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



129.9160, -19.6786, -35.0063



116.7030, 43.5304, -102.3485



147.2620, 23.0418, 29.5882



141.5560, -29.8541, 55.6404

Rectangle

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



129.9160, -19.6786, -35.0063



113.5790, 21.4066, -99.6088



147.2620, 23.0418, 29.5882



143.5830, -7.1894, 66.1407

Sweetspot

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



129.9160, -19.6786, -35.0063



195.8490, -7.8136, -13.8996



150.2480, -29.7023, 6.7985



97.9790, -4.9196, -8.7516



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.



129.9160, -19.6786, -35.0063



162.3960, -31.2542, -55.5983



133.7920, -4.8275, -38.4056



75.6960, -2.3151, -4.1184



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



118.0840, 19.6786, 35.0063



143.6040, 31.2542, 55.5983



114.2080, 4.8275, 38.4056



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 129.9160, -19.6786, -35.0063 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 129.9160, -19.6786, -35.0063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

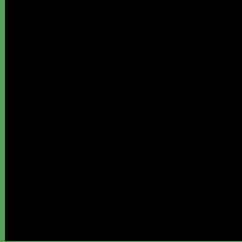
Any Text WCAG AA ✓ Pass

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 129.9160, -19.6786, -35.0063 Background



This preview shows how black text looks on a background with the YUV color 129.9160, -19.6786, -35.0063.



This preview shows how white text looks on a background with the YUV color 129.9160, -19.6786, -35.0063.

-35.0063.

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

129.9160, -19.6786, -35.0063

Protanopia

139.5740, -27.3980, 14.4056

Deuteranopia

141.4920, -22.9206, 25.0015



Tritanopia

137.6140, 12.0223, -29.4795

Trichromacy



Original Color

129.9160, -19.6786, -35.0063

Protanomaly

136.1480, -24.7230, -3.6378

Deuteranomaly

137.2890, -21.8345, 3.2545

Tritanomaly

134.9160, 0.5344, -31.4983

Monochromacy



Original Color

129.9160, -19.6786, -35.0063

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.6750, -7.2348, -12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9160, -19.6786, -35.0063 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, 158, 90)` looks like.

```
.text, #text, p{  
    color:rgb(90, 158, 90)  
}
```

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, 158, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 158, 90) }
```

Border

The CSS property to change the border of an element to YUV 129.9160, -19.6786, -35.0063 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, 158, 90) }
```


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

```
.border{ border-color:rgb(90, 158, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 158, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 158, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 158, 90);  
box-shadow:4px 4px 4px 4px rgb(90, 158,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 129.9160, -19.6786, -35.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 158, 90) }
```

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

```
.background{ background-color: rgb(90, 158,  
90) }
```

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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