

# Converting Colors

YUV(135.2480, -19.8423,  
-29.1585)

Have a look what the booklet for  
YUV(135.2480, -19.8423, -29.1585)  
contains.

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# Color

**YUV(135.2480, -19.8423,  
-29.1585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66A05F
RGB	102, 160, 95
RGB Percent	40%, 63%, 37%
CMY	0.6000, 0.3725, 0.6275
CMYK	0.36, 0.00, 0.41, 0.37
HSL	114°, 25%, 50%
HSV	114°, 41%, 63%
XYZ	20.1159, 28.7926, 15.3238
YIQ	135.2480, -13.7030, -32.5110

# Conversions

## Conversions Part 2

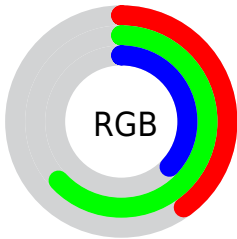
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 160, 153
Decimal	6725727
CIELab	60.60, -32.20, 28.03
CIELCh	61, 42.691, 138.953
Yxy	28.7926, 0.3132, 0.4483
Android (android.graphics.Color)	4284915807 (0xFF66A05F)
YUV	135.2480, -19.8423, -29.1585
Hunter-Lab	53.6588, -26.9859, 20.6292

# Details

The YUV color **135.2480, -19.8423, -29.1585** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **119.7520, 19.8423, 29.1585**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1940, -21.2946, -29.9881**, and **84.0030, -18.2425, -28.9436** is the 20% darker color. If you saturate the color by 10%, you get **129.2380, -24.7673, -36.1657**, and if you desaturate by 10%, it is **141.2580, -14.9172, -22.1513**.

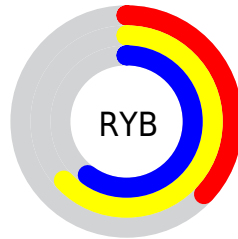
# Distribution



Red (40%)

Green (63%)

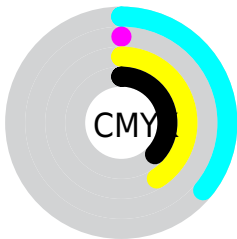
Blue (37%)



Red (37%)

Yellow (63%)

Blue (60%)

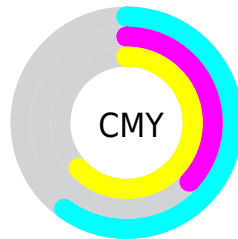


Cyan (36%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.2480, -19.8423, -29.1585 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 135.2480, -19.8423, -29.1585 by changing the saturation by 10% instead.



■ 135.2480,  
-19.8423, -29.1585

■ 135.2480,  
-19.8423, -29.1585

255.0000, 0.0000,  
0.0000

■ 109.4760,  
-18.9687, -29.3585

■ 189.1940,  
-21.2946, -29.9881

■ 84.0030, -18.2425,  
-28.9436

■ 217.6670,  
-22.0208, -30.4030

■ 58.6330, -17.0741,  
-30.3731

■ 235.6880,  
-17.1012, -21.6514

■ 35.2200, -17.3635,  
-30.8879

■ 247.5510, -9.1456,  
-6.6222

■ 22.3060, -10.9969,  
-19.5624

■ 2.3480, -1.1576,  
-2.0592

■ 0.0000, 0.0000,

0.0000

■ 135.2480,  
-19.8423, -29.1585

■ 135.2480,  
-19.8423, -29.1585

■ 129.2380,  
-24.7673, -36.1657

■ 141.2580,  
-14.9172, -22.1513

■ 122.9290,  
-29.5450, -43.7877

■ 147.5670,  
-10.1395, -14.5293

■ 116.9190,  
-34.4701, -50.7950

■ 153.5770, -5.2145,  
-7.5220

■ 110.9090,  
-39.3951, -57.8022

■ 159.5870, -0.2894,  
-0.5148

■ 104.8990,  
-44.3202, -64.8094

■ 165.5970, 4.6357,  
6.4924

■ 99.0030, -48.8085,  
-71.9166

■ 171.9060, 9.4133,  
14.1144

■ 177.9160, 14.3384,  
21.1217

■ 183.9260, 19.2635,  
28.1289

■ 189.9360, 24.1886,  
35.1361

# Harmonies

## Analogous

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



140.2000, -33.6226, 4.2096



135.2480, -19.8423, -29.1585



122.7380, 3.5802, -75.1922

# Triad

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



135.2480, -19.8423, -29.1585



127.7370, 45.4857, -76.0683



147.4100, -11.5411, 61.9074

# Complementary

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



135.2480, -19.8423, -29.1585



119.7520, 19.8423, 29.1585

# 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.



149.0510, 6.3839, 52.5753



135.2480, -19.8423, -29.1585



146.0650, 34.9710, -16.7200

# Square

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



135.2480, -19.8423, -29.1585



118.1220, 41.3519, -103.5930



150.4140, 22.4739, 25.0699



146.2290, -27.2279, 53.2962



# Rectangle

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



135.2480, -19.8423, -29.1585



115.3400, 20.5384, -101.1532



150.4140, 22.4739, 25.0699



147.8920, -5.8628, 60.6077

# Sweetspot

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



135.2480, -19.8423, -29.1585



199.5720, -7.6770, -11.0256



147.8940, -26.0767, 10.6170



99.1040, -4.4883, -7.1072



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.



135.2480, -19.8423, -29.1585



170.1630, -31.1394, -45.7470



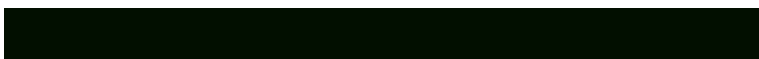
136.0050, -7.8905, -35.9614



75.9950, -2.4625, -3.5036



88.4260, -43.5940, -64.3946



9.4030, -4.6357, -6.4924



# Inverse Universe

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



119.7520, 19.8423, 29.1585



145.8370, 31.1394, 45.7470



118.9950, 7.8905, 35.9614



74.0050, 2.4625, 3.5036



54.2750, 43.7414, 63.7798



5.8960, 4.4883, 7.1072



# Previews

## White Background



This preview shows how the YUV color 135.2480, -19.8423, -29.1585 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 135.2480, -19.8423, -29.1585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

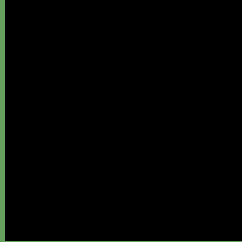
Any Text WCAG AA ✓ Pass

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 135.2480, -19.8423, -29.1585 Background



This preview shows how black text looks on a background with the YUV color 135.2480, -19.8423, -29.1585.



This preview shows how white text looks on a background with the YUV color 135.2480, -19.8423, -29.1585.

-29.1585.

# 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

135.2480, -19.8423, -29.1585

### Protanopia

143.3890, -26.8138, 13.6908

### Deuteranopia

145.0190, -22.1944, 25.4163



## Tritanopia

142.3050, 10.6956, -23.9465

# Trichromacy



## Original Color

135.2480, -19.8423, -29.1585

## Protanomaly

140.2730, -24.2916, -1.9934

## Deuteranomaly

141.7130, -21.5505, 5.5137

## Tritanomaly

139.7210, -0.3555, -26.0653

# Monochromacy



## Original Color

135.2480, -19.8423, -29.1585

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.9850, -7.3876, -10.5108

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.2480, -19.8423, -29.1585 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(102, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(102, 160, 95)  
}
```

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(102, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 160, 95) }
```

## Border

The CSS property to change the border of an element to YUV 135.2480, -19.8423, -29.1585 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(102, 160, 95) }
```



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

```
.border{ border-color:rgb(102, 160, 95) }
```

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

Here you see how a box with a 4 pixel rgb(102, 160, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(102, 160,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 135.2480, -19.8423, -29.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 160, 95) }
```

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

```
.background{ background-color: rgb(102,  
160, 95) }
```

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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