

Converting Colors

YUV(129.6000, -33.8198,
-25.9592)

Have a look what the booklet for
YUV(129.6000, -33.8198, -25.9592)
contains.

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Color

**YUV(129.6000, -33.8198,
-25.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	649E3D
RGB	100, 158, 61
RGB Percent	39%, 62%, 24%
CMY	0.6078, 0.3804, 0.7608
CMYK	0.37, 0.00, 0.61, 0.38
HSL	96°, 44%, 43%
HSV	96°, 61%, 62%
XYZ	18.3247, 27.5000, 8.7571
YIQ	129.6000, -3.4310, -42.4630

Conversions

Conversions Part 2

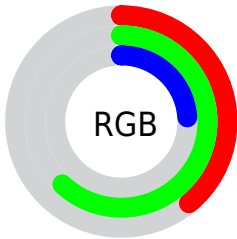
Format	Color
RYB	61, 158, 119
Decimal	6594109
CIELab	59.43, -36.30, 43.73
CIELCh	59, 56.832, 129.696
Yxy	27.5000, 0.3357, 0.5038
Android (android.graphics.Color)	4284784189 (0xFF649E3D)
YUV	129.6000, -33.8198, -25.9592
Hunter-Lab	52.4404, -29.3960, 26.8074

Details

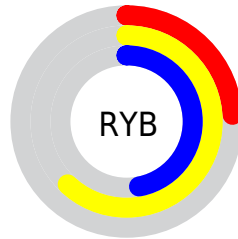
The YUV color **129.6000, -33.8198, -25.9592** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **89.4000, 33.8198, 25.9592**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8450, -35.4196, -26.1741**, and **76.4320, -35.7090, -26.6889** is the 20% darker color. If you saturate the color by 10%, you get **125.0850, -39.4819, -29.8925**, and if you desaturate by 10%, it is **134.1150, -28.1577, -22.0259**.

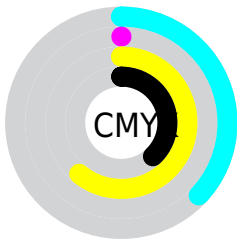
Distribution



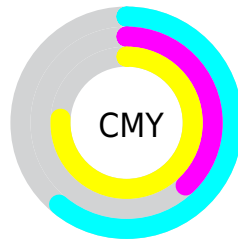
- Red (39%)
- Green (62%)
- Blue (24%)



- Red (24%)
- Yellow (62%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)



- Cyan (61%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.6000, -33.8198, -25.9592 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 129.6000, -33.8198, -25.9592 by changing the saturation by 10% instead.

■ 129.6000,
-33.8198, -25.9592

■ 129.6000,
-33.8198, -25.9592

■ 255.0000, 0.0000,
0.0000

■ 103.3010,
-33.6724, -26.5740

■ 183.8450,
-35.4196, -26.1741

■ 76.4320, -35.7090,
-26.6889

■ 212.3180,
-36.1458, -26.5889

■ 52.3310, -25.7992,
-31.8623

■ 231.6980,
-32.3891, -18.1521

■ 34.0460, -16.7847,
-29.8583

■ 243.4470,
-24.8704, -3.0230

■ 21.7190, -10.7075,
-19.0476

■ 251.2380,
-14.4143, 3.2993

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 129.6000,
-33.8198, -25.9592

■ 129.6000,
-33.8198, -25.9592

■ 125.0850,
-39.4819, -29.8925

■ 134.1150,
-28.1577, -22.0259

■ 120.2710,
-44.9966, -34.4407

■ 138.9290,
-22.6430, -17.4777

■ 115.8700,
-50.2219, -38.4740

■ 143.3300,
-17.4177, -13.4444

■ 111.8820,
-55.1578, -41.9925

■ 148.1440,
-11.9030, -8.8963

■ 152.6590, -6.2409,
-4.9629

■ 157.4730, -0.7262,
-0.4148

■ 161.9880, 4.9359,
3.5185

■ 166.6880, 10.0138,
8.1666

■ 171.2030, 15.6759,
12.1000

Harmonies

Analogous

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



135.5100, -50.5374, 16.2157



129.6000, -33.8198, -25.9592



109.0530, -1.0121, -95.6395

Triad

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



129.6000, -33.8198, -25.9592



119.7640, 57.7973, -105.0330



141.0240, -5.9278, 81.5400

Complementary

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



129.6000, -33.8198, -25.9592



89.4000, 33.8198, 25.9592

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.



145.4510, 16.5397, 61.8715



129.6000, -33.8198, -25.9592



133.0570, 53.7089, -53.5470

Square

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



129.6000, -33.8198, -25.9592



120.3390, 42.2309, -105.5373



147.2140, 35.8835, 17.3523



140.3180, -28.7508, 75.1431

Rectangle

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



129.6000, -33.8198, -25.9592



114.1030, 13.2602, -100.0683



147.2140, 35.8835, 17.3523



142.0650, 1.9400, 77.9960

Sweetspot

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



129.6000, -33.8198, -25.9592



195.7910, -13.2080, -10.3407



123.4620, -30.7938, 30.2898



98.1920, -7.9827, -6.3074



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.



129.6000, -33.8198, -25.9592



162.0500, -53.2686, -41.2628



118.8510, -24.5765, -50.7353



76.5930, -2.7573, -2.2741



100.9840, -49.7851, -38.5740



10.5990, -5.2253, -4.0333

Inverse Universe

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



89.4000, 33.8198, 25.9592



98.6510, 53.4161, 40.6481



100.1490, 24.5765, 50.7353



73.4070, 2.7573, 2.2741



41.7170, 49.9325, 37.9592



4.4010, 5.2253, 4.0333

Previews

White Background



This preview shows how the YUV color 129.6000, -33.8198, -25.9592 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 129.6000, -33.8198, -25.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

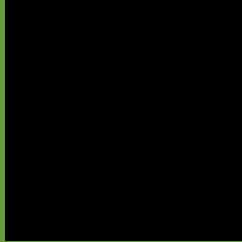
Any Text WCAG AA ✓ Pass

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 129.6000, -33.8198, -25.9592 Background



This preview shows how black text looks on a background with the YUV color 129.6000, -33.8198, -25.9592.



This preview shows how white text looks on a background with the YUV color 129.6000, -33.8198, -25.9592.

-25.9592.

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

129.6000, -33.8198, -25.9592

Protanopia

137.9800, -39.9231, 18.4345

Deuteranopia

140.2080, -35.5985, 31.3896



Tritanopia

139.5010, 10.1060, -21.4874

Trichromacy



Original Color

129.6000, -33.8198, -25.9592

Protanomaly

134.7500, -37.8377, 2.8503

Deuteranomaly

136.1900, -35.0967, 10.3574

Tritanomaly

136.2500, -6.0393, -23.0212

Monochromacy



Original Color

129.6000, -33.8198, -25.9592

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7310, -12.1924, -9.4111

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.6000, -33.8198, -25.9592 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(100, 158, 61)` looks like.

```
.text, #text, p{  
    color:rgb(100, 158, 61)  
}
```

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(100, 158, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 158, 61) }
```

Border

The CSS property to change the border of an element to YUV 129.6000, -33.8198, -25.9592 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(100, 158, 61) }
```


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

```
.border{ border-color:rgb(100, 158, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 158, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 158, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 158, 61);  
box-shadow:4px 4px 4px 4px rgb(100, 158,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 129.6000, -33.8198, -25.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 158, 61) }
```

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

```
.background{ background-color: rgb(100,  
158, 61) }
```

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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