

Converting Colors

YUV(127.8760, -29.0259,
-23.5703)

Have a look what the booklet for
YUV(127.8760, -29.0259, -23.5703)
contains.

YUV(127.8760, -29.0259, -23.5703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.8760, -29.0259,
-23.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	659945
RGB	101, 153, 69
RGB Percent	40%, 60%, 27%
CMY	0.6039, 0.4000, 0.7294
CMYK	0.34, 0.00, 0.55, 0.40
HSL	97°, 38%, 44%
HSV	97°, 55%, 60%
XYZ	17.8322, 25.9788, 9.7048
YIQ	127.8760, -4.0280, -37.1480

Conversions

Conversions Part 2

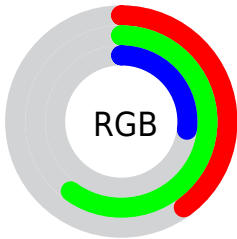
Format	Color
RYB	69, 153, 121
Decimal	6658373
CIELab	58.02, -32.80, 38.28
CIElCh	58, 50.409, 130.595
Yxy	25.9788, 0.3332, 0.4854
Android (android.graphics.Color)	4284848453 (0xFF659945)
YUV	127.8760, -29.0259, -23.5703
Hunter-Lab	50.9694, -26.7463, 24.3896

Details

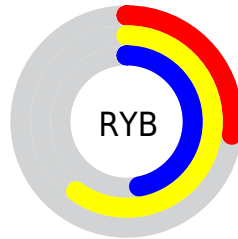
The YUV color **127.8760, -29.0259, -23.5703** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **94.1240, 29.0259, 23.5703**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1210, -30.6257, -23.7851**, and **76.1040, -28.1523, -23.7702** is the 20% darker color. If you saturate the color by 10%, you get **123.4750, -34.2512, -27.6036**, and if you desaturate by 10%, it is **132.2770, -23.8006, -19.5369**.

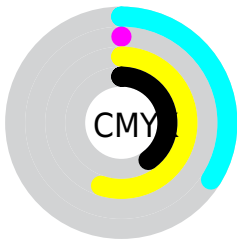
Distribution



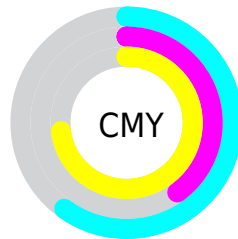
- Red (40%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (55%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8760, -29.0259, -23.5703 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 127.8760, -29.0259, -23.5703 by changing the saturation by 10% instead.

■ 127.8760,
-29.0259, -23.5703

■ 127.8760,
-29.0259, -23.5703

■ 255.0000, 0.0000,
0.0000

■ 102.1040,
-28.1523, -23.7702

■ 182.1210,
-30.6257, -23.7851

■ 76.1040, -28.1523,
-23.7702

■ 209.5940,
-31.3518, -24.1999

■ 51.4780, -25.3787,
-26.7292

■ 232.4960,
-29.3315, -18.8520

■ 31.6980, -15.6271,
-27.7991

■ 244.0600,
-21.2286, -4.4376

■ 19.9580, -9.8393,
-17.5032

■ 252.0360,
-11.3567, 2.5994

■ 0.0000, 0.0000,
0.0000

■ 127.8760,
-29.0259, -23.5703

■ 127.8760,
-29.0259, -23.5703

■ 123.4750,
-34.2512, -27.6036

■ 132.2770,
-23.8006, -19.5369

■ 118.6610,
-39.7659, -32.1517

■ 137.0910,
-18.2859, -14.9888

■ 114.2600,
-44.9912, -36.1850

■ 141.4920,
-13.0606, -10.9555

■ 109.5600,
-50.0691, -40.8331

■ 146.1920, -7.9827,
-6.3074

■ 107.1530,
-52.8264, -43.1072

■ 150.7070, -2.3206,
-2.3740

■ 155.4070, 2.7573,
2.2741

■ 159.8080, 7.9827,
6.3074

■ 164.5080, 13.0606,

10.9555

■ 169.0230, 18.7227,
14.8888

Harmonies

Analogous

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



133.2630, -42.5277, 13.8013



127.8760, -29.0259, -23.5703



106.9550, 1.0082, -90.2915

Triad

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



127.8760, -29.0259, -23.5703



114.5320, 52.9817, -100.4446



139.0290, -6.9163, 71.8886

Complementary

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



127.8760, -29.0259, -23.5703



94.1240, 29.0259, 23.5703

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.



142.3100, 13.6512, 54.9791



127.8760, -29.0259, -23.5703



133.3700, 45.6666, -40.6665

Square

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



127.8760, -29.0259, -23.5703



115.6770, 39.5992, -101.4487



143.3620, 31.3735, 17.2225



137.8330, -26.5397, 65.9215

Rectangle

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



127.8760, -29.0259, -23.5703



110.3530, 14.1230, -96.7796



143.3620, 31.3735, 17.2225



139.8420, 0.0779, 68.5446

Sweetspot

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



127.8760, -29.0259, -23.5703



189.3720, -11.0294, -9.0962



124.6400, -27.4305, 24.8717



93.6590, -6.2409, -4.9629



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.8760, -29.0259, -23.5703



159.8470, -45.2806, -36.6998



119.4480, -19.9409, -44.2429



74.5930, -2.7573, -2.2741



98.0270, -48.3273, -39.4887



9.1260, -4.4991, -3.6185

Inverse Universe

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



94.1240, 29.0259, 23.5703



107.1530, 45.2806, 36.6998



102.5520, 19.9409, 44.2429



71.4070, 2.7573, 2.2741



41.9730, 48.3273, 39.4887



3.8740, 4.4991, 3.6185

Previews

White Background



This preview shows how the YUV color 127.8760, -29.0259, -23.5703 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 127.8760, -29.0259, -23.5703 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 127.8760, -29.0259, -23.5703 Background



This preview shows how black text looks on a background with the YUV color 127.8760, -29.0259, -23.5703.



This preview shows how white text looks on a background with the YUV color 127.8760, -29.0259, -23.5703.

-23.5703.

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

127.8760, -29.0259, -23.5703

Protanopia

135.0490, -34.5342, 16.6200

Deuteranopia

136.8640, -30.4990, 29.0603



Tritanopia

136.2840, 9.2270, -19.5431

Trichromacy



Original Color

127.8760, -29.0259, -23.5703

Protanomaly

132.4170, -32.7436, 2.2653

Deuteranomaly

133.8570, -30.0025, 9.7724

Tritanomaly

133.0160, -4.4449, -21.0620

Monochromacy



Original Color

127.8760, -29.0259, -23.5703

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8990, -10.3032, -8.6814

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8760, -29.0259, -23.5703 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(101, 153, 69)` looks like.

```
.text, #text, p{  
    color:rgb(101, 153, 69)  
}
```

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(101, 153, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 153, 69) }
```

Border

The CSS property to change the border of an element to YUV 127.8760, -29.0259, -23.5703 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(101, 153, 69) }
```


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

```
.border{ border-color:rgb(101, 153, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 153, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 153, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 153, 69);  
box-shadow:4px 4px 4px 4px rgb(101, 153,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 127.8760, -29.0259, -23.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 153, 69) }
```

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

```
.background{ background-color: rgb(101,  
153, 69) }
```

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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