

Converting Colors

YUV(67.0080, -25.6399,
10.5170)

Have a look what the booklet for
YUV(67.0080, -25.6399, 10.5170)
contains.

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Color

**YUV(67.0080, -25.6399,
10.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	4F470F
RGB	79, 71, 15
RGB Percent	31%, 28%, 6%
CMY	0.6902, 0.7216, 0.9412
CMYK	0.00, 0.10, 0.81, 0.69
HSL	52°, 68%, 18%
HSV	52°, 81%, 31%
XYZ	5.5639, 6.2032, 1.3560
YIQ	67.0080, 22.7440, -15.7200

Conversions

Conversions Part 2

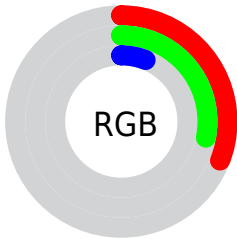
Format	Color
R_{YB}	24, 79, 15
Decimal	5195535
CIE _{Lab}	29.92, -3.79, 32.81
CIE _{LCh}	30, 33.031, 96.585
Yxy	6.2032, 0.4240, 0.4727
Android (android.graphics.Color)	4283385615 (0xFF4F470F)
YUV	67.0080, -25.6399, 10.5170
Hunter-Lab	24.9063, -3.7102, 14.2063

Details

The YUV color **67.0080, -25.6399, 10.5170** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.9920, 25.6399, -10.5170**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7910, -26.5190, 12.4613**, and **25.7050, -12.6726, 4.6437** is the 20% darker color. If you saturate the color by 10%, you get **65.5090, -28.8449, 11.8316**, and if you desaturate by 10%, it is **68.5070, -22.4350, 9.2024**.

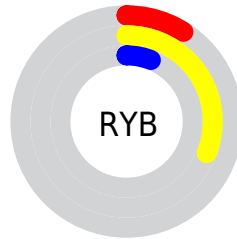
Distribution



Red (31%)

Green (28%)

Blue (6%)



Red (9%)

Yellow (31%)

Blue (6%)

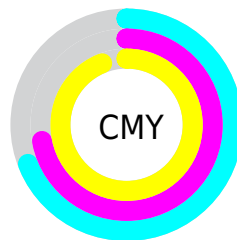


Cyan (0%)

Magenta (10%)

Yellow (81%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0080, -25.6399, 10.5170 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 67.0080, -25.6399, 10.5170 by changing the saturation by 10% instead.

67.0080, -25.6399,
10.5170

67.0080, -25.6399,
10.5170

254.0880, -3.4944,
0.7998

45.2080, -22.2875,
8.5876

115.7910,
-26.5190, 12.4613

25.7050, -12.6726,
4.6437

141.8620,
-27.5400, 13.2760

0.0000, 0.0000,
0.0000

168.3460,
-28.2716, 14.6056

195.5310,
-28.8558, 15.3203

223.6020,
-29.8768, 16.1350

247.7040,

-27.9551, 6.3986

■ 250.8960,
-15.7247, 3.5992

■ 67.0080, -25.6399,
10.5170

■ 67.0080, -25.6399,
10.5170

■ 65.5090, -28.8449,
11.8316

■ 68.5070, -22.4350,
9.2024

■ 64.1240, -31.6131,
13.0463

■ 70.0060, -19.2300,
7.8877

■ 71.5050, -16.0250,
6.5731

■ 73.0040, -12.8200,
5.2585

■ 74.3890, -10.0518,
4.0438

■ 75.8880, -6.8468,
2.7292

■ 77.3870, -3.6418,
1.4146

■ 78.8860, -0.4368,
0.1000

■ 80.3850, 2.7682,
-1.2146

Harmonies

Analogous

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



68.8020, -23.0734, 27.3606



67.0080, -25.6399, 10.5170



64.4120, -18.4441, -10.8853

Triad

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



67.0080, -25.6399, 10.5170



59.5340, 19.9497, -52.2113



72.0050, 9.3645, 29.8136

Complementary

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



67.0080, -25.6399, 10.5170



26.9920, 25.6399, -10.5170

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.



72.1960, 19.6234, 5.9671



67.0080, -25.6399, 10.5170



59.7110, 28.2435, -52.3665

Square

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



67.0080, -25.6399, 10.5170



57.3850, 9.1772, -50.3266



63.8430, 28.1784, -31.4343



70.0960, -2.0193, 41.1348

Rectangle

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



67.0080, -25.6399, 10.5170



59.7070, -9.2226, -28.6840



63.8430, 28.1784, -31.4343



72.5850, 13.0226, 23.1660

Sweetspot

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



67.0080, -25.6399, 10.5170



97.5030, -9.6150, 3.9439



35.1620, -5.5029, 38.4459



48.1160, -5.9732, 2.5293



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.0080, -25.6399, 10.5170



83.6700, -39.7703, 16.0754



64.8270, -24.5647, -7.7413



37.5440, -1.7472, 0.3999



82.7410, -40.7913, 16.8901



186.7570, -92.0712, 37.9241

Inverse Universe

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



26.9920, 25.6399, -10.5170



21.3300, 39.7703, -16.0754



29.1730, 24.5647, 7.7413



35.0430, 1.4578, -0.9147



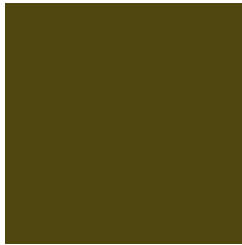
19.2590, 40.7913, -16.8901



43.2430, 92.0712, -37.9241

Previews

White Background



This preview shows how the YUV color 67.0080, -25.6399, 10.5170 looks on a white 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

Black Background



This preview shows how the YUV color 67.0080, -25.6399, 10.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

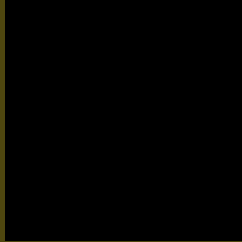
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.0080, -25.6399, 10.5170

Background



This preview shows how black text looks on a background with the YUV color 67.0080, -25.6399, 10.5170.



This preview shows how white text looks on a background with the YUV color 67.0080, -25.6399,

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

67.0080, -25.6399, 10.5170

Protanopia

67.0080, -25.6399, 10.5170

Deuteranopia

67.8780, -25.0829, 18.5240



Tritanopia

71.6530, -0.3219, 9.9513

Trichromacy



Original Color

67.0080, -25.6399, 10.5170

Protanomaly

67.0080, -25.6399, 10.5170

Deuteranomaly

67.1550, -25.2194, 15.6501

Tritanomaly

70.2480, -9.4893, 10.3065

Monochromacy



Original Color

67.0080, -25.6399, 10.5170

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6170, -9.1782, 3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0080, -25.6399, 10.5170 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(79, 71, 15)` looks like.

```
.text, #text, p{  
    color:rgb(79, 71, 15)  
}
```

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(79, 71, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 71, 15) }
```

Border

The CSS property to change the border of an element to YUV 67.0080, -25.6399, 10.5170 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(79, 71, 15) }
```


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

```
.border{ border-color:rgb(79, 71, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 71, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 71, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 71, 15);  
box-shadow:4px 4px 4px 4px rgb(79, 71, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0080, -25.6399, 10.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 71, 15) }
```

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

```
.background{ background-color: rgb(79, 71,  
15) }
```

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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