

Converting Colors

YUV(67.6390, -25.9510,
16.9796)

Have a look what the booklet for
YUV(67.6390, -25.9510, 16.9796)
contains.

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Color

**YUV(67.6390, -25.9510,
16.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	57440F
RGB	87, 68, 15
RGB Percent	34%, 27%, 6%
CMY	0.6588, 0.7333, 0.9412
CMYK	0.00, 0.22, 0.83, 0.66
HSL	44°, 71%, 20%
HSV	44°, 83%, 34%
XYZ	6.0838, 6.1950, 1.3270
YIQ	67.6390, 28.3370, -12.4550

Conversions

Conversions Part 2

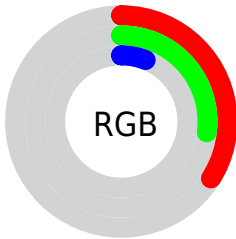
Format	Color
R_{YB}	41, 87, 15
Decimal	5719055
CIE Lab	29.90, 2.17, 33.11
CIE LCh	30, 33.181, 86.254
Yxy	6.1950, 0.4471, 0.4553
Android (android.graphics.Color)	4283909135 (0xFF57440F)
YUV	67.6390, -25.9510, 16.9796
Hunter-Lab	24.8897, 0.0741, 14.2616

Details

The YUV color **67.6390, -25.9510, 16.9796** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34.3610, 25.9510, -16.9796**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0200, -27.1249, 20.1535**, and **26.0370, -12.8362, 10.4916** is the 20% darker color. If you saturate the color by 10%, you get **65.4390, -29.3034, 18.9090**, and if you desaturate by 10%, it is **69.8390, -22.5986, 15.0502**.

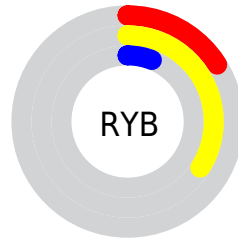
Distribution



 Red (34%)

 Green (27%)

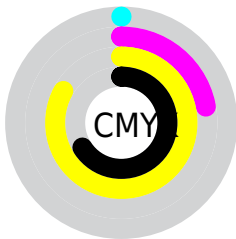
 Blue (6%)



 Red (16%)

 Yellow (34%)

 Blue (6%)

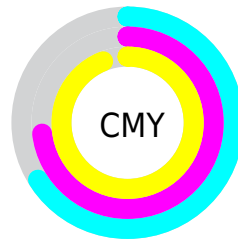


 Cyan (0%)

 Magenta (22%)

 Yellow (83%)

 Black (66%)



 Cyan (66%)

 Magenta (73%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6390, -25.9510, 16.9796 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 67.6390, -25.9510, 16.9796 by changing the saturation by 10% instead.

67.6390, -25.9510,
16.9796

67.6390, -25.9510,
16.9796

254.0880, -3.4944,
0.7998

45.8390, -22.5986,
15.0502

117.0200,
-27.1249, 20.1535

26.0370, -12.8362,
10.4916

142.5040,
-27.8565, 21.4830

1.4950, -0.7370,
3.0739

169.5750,
-28.8775, 22.2977

0.0000, 0.0000,
0.0000


196.9450,
-30.0459, 23.7272


225.1300,
-30.6301, 24.4420


245.2420,


-27.2343, 8.5578


 250.7820,
-16.1615, 3.6992


 67.6390, -25.9510,
16.9796


 67.6390, -25.9510,
16.9796


 65.4390, -29.3034,
18.9090


 69.8390, -22.5986,
15.0502

 63.5810, -31.3454,
20.5385

 72.5120, -19.9724,
12.7060

 74.7120, -16.6200,
10.7766

 76.9120, -13.2676,
8.8472

 78.9980, -10.3520,
7.0178

■ 81.7850, -7.2890,
4.5736

■ 83.9850, -3.9366,
2.6442

■ 86.1850, -0.5842,
0.7148

■ 88.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



68.9320, -20.1795, 32.5086



67.6390, -25.9510, 16.9796



65.5440, -21.9602, -3.1081

Triad

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



67.6390, -25.9510, 16.9796



59.2090, 16.1660, -51.9263



72.5850, 13.0226, 23.1660

Complementary

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



67.6390, -25.9510, 16.9796



34.3610, 25.9510, -16.9796

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.



70.9280, 22.7135, -5.1989



67.6390, -25.9510, 16.9796



59.8420, 26.2069, -52.4814

Square

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



67.6390, -25.9510, 16.9796



56.2450, 4.8092, -49.3269



57.3460, 31.8744, -50.2924



70.5240, 2.2067, 39.0055

Rectangle

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



67.6390, -25.9510, 16.9796



62.3940, -14.4912, -18.7625



57.3460, 31.8744, -50.2924



73.0400, 16.2493, 14.8739

Sweetspot

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



67.6390, -25.9510, 16.9796



104.6990, -10.2046, 6.4030



38.6940, -2.3141, 42.3644



51.7140, -6.2680, 3.7588



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



67.6390, -25.9510, 16.9796



82.3230, -40.0922, 26.0267



73.7090, -28.9435, -3.2528



41.9570, -1.4578, 0.9147



78.3660, -38.6344, 25.1120



171.8160, -84.7053, 55.4124

Inverse Universe

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



34.3610, 25.9510, -16.9796



30.6770, 40.0922, -26.0267



28.2910, 28.9435, 3.2528



40.0430, 1.4578, -0.9147



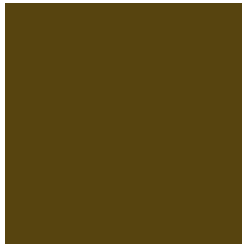
28.6340, 38.6344, -25.1120



63.1840, 84.7053, -55.4124

Previews

White Background



This preview shows how the YUV color 67.6390, -25.9510, 16.9796 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 67.6390, -25.9510, 16.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

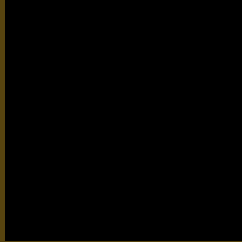
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6390, -25.9510, 16.9796

Background



This preview shows how black text looks on a background with the YUV color 67.6390, -25.9510, 16.9796.



This preview shows how white text looks on a background with the YUV color 67.6390, -25.9510,

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

67.6390, -25.9510, 16.9796

Protanopia

67.4210, -25.3506, 11.0318

Deuteranopia

67.6500, -25.9564, 18.7240



Tritanopia

71.6430, -1.7960, 16.0991

Trichromacy



Original Color

67.6390, -25.9510, 16.9796

Protanomaly

67.7310, -25.5034, 13.3909

Deuteranomaly

67.3510, -25.8090, 18.1092

Tritanomaly

70.3520, -10.5265, 16.3543

Monochromacy



Original Color

67.6390, -25.9510, 16.9796

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9270, -9.3310, 6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6390, -25.9510, 16.9796 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(87, 68, 15)` looks like.

```
.text, #text, p{  
    color:rgb(87, 68, 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(87, 68, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 68, 15) }
```

Border

The CSS property to change the border of an element to YUV 67.6390, -25.9510, 16.9796 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(87, 68, 15) }
```


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

```
.border{ border-color:rgb(87, 68, 15) }
```

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

Here you see how a box with a 4 pixel rgb(87, 68, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 68, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 68, 15);  
box-shadow:4px 4px 4px 4px rgb(87, 68, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6390, -25.9510, 16.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 68, 15) }
```

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

```
.background{ background-color: rgb(87, 68,  
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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