

Converting Colors

YUV(67.5640, -25.4211,
33.7084)

Have a look what the booklet for
YUV(67.5640, -25.4211, 33.7084)
contains.

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Color

**YUV(67.5640, -25.4211,
33.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3A10
RGB	106, 58, 16
RGB Percent	42%, 23%, 6%
CMY	0.5843, 0.7725, 0.9373
CMYK	0.00, 0.45, 0.85, 0.58
HSL	28°, 74%, 24%
HSV	28°, 85%, 42%
XYZ	7.5504, 6.1277, 1.2750
YIQ	67.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

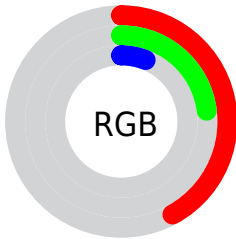
Format	Color
R_{YB}	106, 95, 16
Decimal	6961680
CIE Lab	29.73, 17.82, 33.43
CIE LCh	30, 37.883, 61.946
Yxy	6.1277, 0.5049, 0.4098
Android (android.graphics.Color)	4285151760 (0xFF6A3A10)
YUV	67.5640, -25.4211, 33.7084
Hunter-Lab	24.7542, 11.1257, 14.2741

Details

The YUV color $67.5640, -25.4211, 33.7084$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $54.4360, 25.4211, -33.7084$, and the grayscale version is $68.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $117.4290, -27.3265, 38.2118$, and $24.6520, -12.1534, 24.8612$ is the 20% darker color. If you saturate the color by 10%, you get $62.7880, -28.4895, 37.8969$, and if you desaturate by 10%, it is $72.3400, -22.3526, 29.5198$.

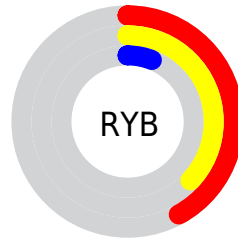
Distribution



Red (42%)

Green (23%)

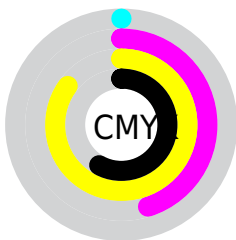
Blue (6%)



Red (42%)

Yellow (37%)

Blue (6%)

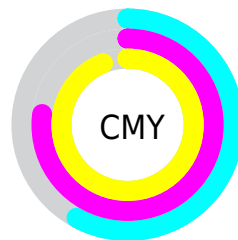


Cyan (0%)

Magenta (45%)

Yellow (85%)

Black (58%)



Cyan (58%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5640, -25.4211, 33.7084 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 67.5640, -25.4211, 33.7084 by changing the saturation by 10% instead.

67.5640, -25.4211,
33.7084

67.5640, -25.4211,
33.7084

254.0880, -3.4944,
0.7998

45.0520, -22.2106,
30.6494

117.4290,
-27.3265, 38.2118

24.6520, -12.1534,
24.8612

143.5110,
-28.3529, 40.7709

9.0840, -3.9854,
18.3433

170.2940,
-29.2319, 42.7152

0.0000, 0.0000,
0.0000


197.9630,
-30.5478, 44.7594


219.2710,
-27.7416, 31.3343


238.7850,


-24.0510, 14.2206


 250.7820,
-16.1615, 3.6992


 67.5640, -25.4211,
33.7084


 67.5640, -25.4211,
33.7084


 62.7880, -28.4895,
37.8969


 72.3400, -22.3526,
29.5198

 60.4570, -29.8053,
39.9412

 76.4150, -19.4316,
25.9460

 81.1910, -16.3632,
21.7575

 85.8530, -13.7315,
17.6689

 90.0420, -10.3737,
13.9952

■ 94.8180, -7.3053,
9.8066

■ 99.4800, -4.6736,
5.7180

■ 103.6690, -1.3158,
2.0443

■ 108.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



67.5560, -13.0921, 45.9934



67.5640, -25.4211, 33.7084



65.5480, -31.3292, 15.3054

Triad

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



67.5640, -25.4211, 33.7084



57.4020, 6.7038, -50.3416



71.0150, 24.1496, 0.8638

Complementary

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



67.5640, -25.4211, 33.7084



54.4360, 25.4211, -33.7084

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.



57.5570, 35.2214, -50.4775



67.5640, -25.4211, 33.7084



60.1210, 19.6603, -52.7261

Square

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



67.5640, -25.4211, 33.7084



52.8080, -5.8213, -46.3126



60.8680, 30.1381, -53.3812



71.3410, 13.1429, 31.2729

Rectangle

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



67.5640, -25.4211, 33.7084



63.9590, -28.0808, 0.0360



60.8680, 30.1381, -53.3812



69.4370, 27.3926, -12.6612

Sweetspot

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



67.5640, -25.4211, 33.7084



122.8570, -9.7895, 13.2804



48.3820, 7.6997, 50.5310



60.1490, -5.9895, 7.7623



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



67.5640, -25.4211, 33.7084



78.8300, -38.8632, 51.8921



93.9790, -38.4436, 10.5424



51.5550, -1.7526, 2.1443



67.2680, -33.1631, 43.6150



140.1730, -69.1053, 91.9333

Inverse Universe

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



54.4360, 25.4211, -33.7084



58.5830, 39.1526, -51.3773



28.0210, 38.4436, -10.5424



50.4450, 1.7526, -2.1443



50.3190, 32.8737, -44.1298



104.8270, 69.1053, -91.9333

Previews

White Background



This preview shows how the YUV color 67.5640, -25.4211, 33.7084 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 67.5640, -25.4211, 33.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

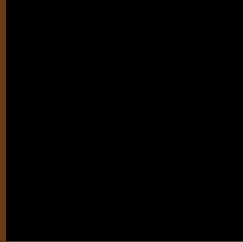
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5640, -25.4211, 33.7084

Background



This preview shows how black text looks on a background with the YUV color 67.5640, -25.4211, 33.7084.



This preview shows how white text looks on a background with the YUV color 67.5640, -25.4211,

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

67.5640, -25.4211, 33.7084

Protanopia

67.4640, -23.8928, 10.1171

Deuteranopia

67.1940, -27.7036, 19.1239



Tritanopia

70.6020, -6.2128, 32.7980

Trichromacy



Original Color

67.5640, -25.4211, 33.7084

Protanomaly

67.4050, -24.3567, 18.9388

Deuteranomaly

67.4550, -26.8463, 24.1570

Tritanomaly

69.1800, -12.9067, 33.1681

Monochromacy



Original Color

67.5640, -25.4211, 33.7084

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5640, -25.4211, 33.7084 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(106, 58, 16)` looks like.

```
.text, #text, p{  
    color:rgb(106, 58, 16)  
}
```

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(106, 58, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 58, 16) }
```

Border

The CSS property to change the border of an element to YUV 67.5640, -25.4211, 33.7084 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(106, 58, 16) }
```


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

```
.border{ border-color:rgb(106, 58, 16) }
```

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

Here you see how a box with a 4 pixel rgb(106, 58, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 58, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 58, 16);  
box-shadow:4px 4px 4px 4px rgb(106, 58,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 67.5640, -25.4211, 33.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 58, 16) }
```

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

```
.background{ background-color: rgb(106, 58,  
16) }
```

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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