

Converting Colors

YUV(65.8060, -32.4424,
45.7741)

Have a look what the booklet for
YUV(65.8060, -32.4424, 45.7741)
contains.

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Color

**YUV(65.8060, -32.4424,
45.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	763400
RGB	118, 52, 0
RGB Percent	46%, 20%, 0%
CMY	0.5373, 0.7961, 1.0000
CMYK	0.00, 0.56, 1.00, 0.54
HSL	26°, 100%, 23%
HSV	26°, 100%, 46%
XYZ	8.6992, 6.3075, 0.7590
YIQ	65.8060, 56.0280, -2.1800

Conversions

Conversions Part 2

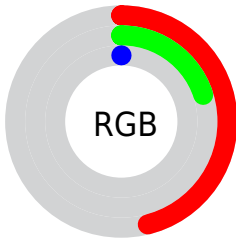
Format	Color
R_{YB}	118, 93, 0
Decimal	7746560
CIE _{Lab}	30.18, 26.30, 41.17
CIE _{LCh}	30, 48.852, 57.433
Yxy	6.3075, 0.5518, 0.4001
Android (android.graphics.Color)	4285936640 (0xFF763400)
YUV	65.8060, -32.4424, 45.7741
Hunter-Lab	25.1148, 17.8775, 15.7886

Details

The YUV color **65.8060, -32.4424, 45.7741** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **52.1940, 32.4424, -45.7741**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9100, -33.4796, 51.8219**, and **22.0600, -10.8756, 35.0274** is the 20% darker color. If you saturate the color by 10%, you get **65.8060, -32.4424, 45.7741**, and if you desaturate by 10%, it is **71.2830, -29.2265, 40.9708**.

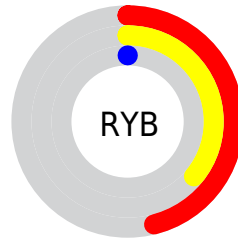
Distribution



Red (46%)

Green (20%)

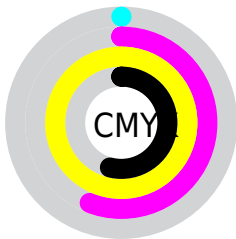
Blue (0%)



Red (46%)

Yellow (36%)

Blue (0%)

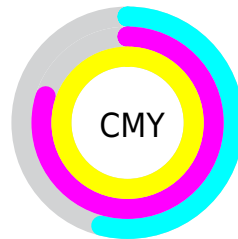


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (54%)



Cyan (54%)


Magenta (80%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.8060, -32.4424, 45.7741 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 65.8060, -32.4424, 45.7741 by changing the saturation by 10% instead.


 65.8060, -32.4424,
45.7741


 65.8060, -32.4424,
45.7741


 252.4920, -9.6096,
2.1995


 43.9330, -21.6590,
40.4008


 116.9100,
-33.4796, 51.8219


 22.0600, -10.8756,
35.0274


 143.2910,
-34.6535, 54.9958

 12.0740, -5.4595,
24.4911

 170.9600,
-35.9693, 57.0401


 0.0000, 0.0000,
0.0000


 195.3400,
-35.6636, 52.3218


 214.1530,
-32.1204, 35.8228


 234.2540,


-28.7192, 18.1942


 249.1860,
-22.2767, 5.0989


 65.8060, -32.4424,
45.7741

 71.2830, -29.2265,
40.9708

 76.1730, -25.7213,
36.6823

 81.5360, -22.9422,
31.9789

 86.4260, -19.4370,
27.6904

 91.9030, -16.2212,
22.8871

■ 97.3800, -13.0053,
18.0837

■ 102.2700, -9.5001,
13.7952

■ 107.6330, -6.7211,
9.0919

■ 112.5230, -3.2158,
4.8033

Harmonies

Analogous

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



63.5950, -12.1253, 62.6222



65.8060, -32.4424, 45.7741



66.8260, -32.9452, 20.3236

Triad

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



65.8060, -32.4424, 45.7741



58.7070, 4.0884, -51.4860



70.1800, 33.9283, -8.9279

Complementary

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



65.8060, -32.4424, 45.7741



52.1940, 32.4424, -45.7741

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.



62.0710, 42.3630, -54.4363



65.8060, -32.4424, 45.7741



63.6260, 20.3974, -55.8000

Square

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



65.8060, -32.4424, 45.7741



52.8590, -13.2415, -46.3573



65.2850, 34.3695, -57.2549



71.3230, 20.5468, 36.5507

Rectangle

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



65.8060, -32.4424, 45.7741



64.6450, -31.8700, 2.0653



65.2850, 34.3695, -57.2549



62.3120, 40.2722, -37.1076

Sweetspot

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



65.8060, -32.4424, 45.7741



132.4940, -12.5685, 17.9838



42.9200, 11.8714, 65.8452



64.4160, -7.6001, 11.0362



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



65.8060, -32.4424, 45.7741



85.0760, -41.9425, 59.5693



99.8520, -49.2270, 15.9158



55.9680, -1.4632, 2.6591



68.1760, -33.6108, 47.2036



139.3200, -68.6848, 97.0664

Inverse Universe

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



52.1940, 32.4424, -45.7741



67.9240, 41.9425, -59.5693



18.1480, 49.2270, -15.9158



55.4450, 1.7526, -2.1443



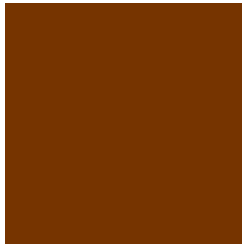
53.8240, 33.6108, -47.2036



110.6800, 68.6848, -97.0664

Previews

White Background



This preview shows how the YUV color 65.8060, -32.4424, 45.7741 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 65.8060, -32.4424, 45.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

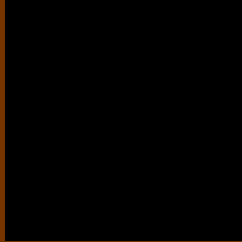
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8060, -32.4424, 45.7741

Background



This preview shows how black text looks on a background with the YUV color 65.8060, -32.4424, 45.7741.



This preview shows how white text looks on a background with the YUV color 65.8060, -32.4424,

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



Protanopia

67.7370, -27.9713, 11.6317

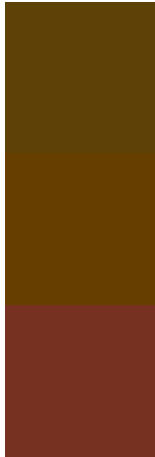
Deuteranopia

67.1250, -33.0926, 20.9384

Tritanopia

69.5710, -9.1555, 43.3492

Trichromacy



Protanomaly

67.0590, -29.6091, 23.6273

Deuteranomaly

66.5930, -32.8303, 30.1749

Tritanomaly

67.9920, -17.7441, 44.7340

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0100, -11.8369, 16.6542

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8060, -32.4424, 45.7741 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(118, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 52, 0)  
}
```

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(118, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 52, 0) }
```

Border

The CSS property to change the border of an element to YUV 65.8060, -32.4424, 45.7741 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(118, 52, 0) }
```

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

```
.border{ border-color:rgb(118, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(118, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 52, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 65.8060, -32.4424, 45.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 52, 0) }
```

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

```
.background{ background-color: rgb(118, 52,  
0) }
```

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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