

Converting Colors

YUV(64.9310, -32.0110,
47.4185)

Have a look what the booklet for
YUV(64.9310, -32.0110, 47.4185)
contains.

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Color

**YUV(64.9310, -32.0110,
47.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	773200
RGB	119, 50, 0
RGB Percent	47%, 20%, 0%
CMY	0.5333, 0.8039, 1.0000
CMYK	0.00, 0.58, 1.00, 0.53
HSL	25°, 100%, 23%
HSV	25°, 100%, 47%
XYZ	8.7484, 6.2031, 0.7362
YIQ	64.9310, 57.1740, -0.9220

Conversions

Conversions Part 2

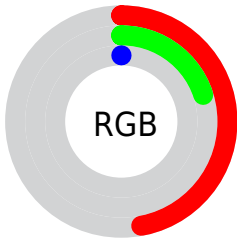
Format	Color
R_YB	119, 86, 0
Decimal	7811584
CIE _{Lab}	29.92, 27.82, 41.05
CIE _{LCh}	30, 49.595, 55.873
Yxy	6.2031, 0.5577, 0.3954
Android (android.graphics.Color)	4286001664 (0xFF773200)
YUV	64.9310, -32.0110, 47.4185
Hunter-Lab	24.9061, 19.1130, 15.6816

Details

The YUV color **64.9310, -32.0110, 47.4185** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.0690, 32.0110, -47.4185**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0350, -33.0483, 53.4663**, and **20.5980, -10.1548, 37.1866** is the 20% darker color. If you saturate the color by 10%, you get **64.9310, -32.0110, 47.4185**, and if you desaturate by 10%, it is **70.4080, -28.7951, 42.6152**.

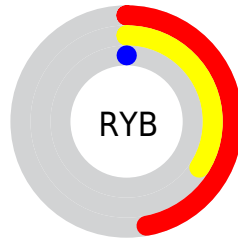
Distribution



Red (47%)

Green (20%)

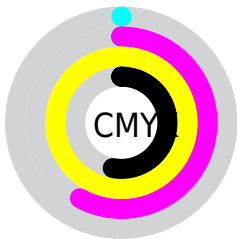
Blue (0%)



Red (47%)

Yellow (34%)

Blue (0%)

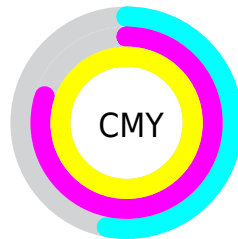


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.9310, -32.0110, 47.4185 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 64.9310, -32.0110, 47.4185 by changing the saturation by 10% instead.


 64.9310, -32.0110,
47.4185


 64.9310, -32.0110,
47.4185


 252.3780,
-10.0464, 2.2995

 43.0580, -21.2276,
42.0451


 116.0350,
-33.0483, 53.4663

 20.5980, -10.1548,
37.1866


 143.0030,
-34.5115, 56.1254

 12.3730, -5.6069,
25.1059

 169.9710,
-35.9747, 58.7844


 0.0000, 0.0000,
0.0000


 194.1660,
-35.0848, 53.3514


 212.9790,
-31.5416, 36.8524


 233.0800,


-28.1404, 19.2238


 249.1860,
-22.2767, 5.0989


 64.9310, -32.0110,
47.4185

 70.4080, -28.7951,
42.6152

 75.8850, -25.5793,
37.8119

 81.3620, -22.3635,
33.0085

 86.8390, -19.1476,
28.2052

 92.2020, -16.3686,
23.5018

■ 97.0920, -12.8634,
19.2133

■ 102.5690, -9.6475,
14.4100

■ 108.0460, -6.4317,
9.6067

■ 113.5230, -3.2158,
4.8033

Harmonies

Analogous

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



61.9480, -10.8204, 64.0666



64.9310, -32.0110, 47.4185



66.5380, -32.8032, 21.4532

Triad

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



64.9310, -32.0110, 47.4185



58.3650, 2.7781, -51.1861



69.2010, 35.3969, -13.3313

Complementary

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



64.9310, -32.0110, 47.4185



54.0690, 32.0110, -47.4185

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



64.9310, -32.0110, 47.4185



62.8110, 19.8132, -55.0852

Square

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



64.9310, -32.0110, 47.4185



51.9300, -14.2625, -45.5426



65.1710, 33.9327, -57.1550



70.8390, 21.2784, 35.2212

Rectangle

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



64.9310, -32.0110, 47.4185



64.3570, -31.7280, 3.1949



65.1710, 33.9327, -57.1550



56.4460, 43.6571, -49.5031

Sweetspot

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



64.9310, -32.0110, 47.4185



134.2060, -12.4266, 19.1133



43.4470, 12.5976, 66.2600



66.4160, -7.6001, 11.0362



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



64.9310, -32.0110, 47.4185



84.7990, -41.8059, 62.4433



99.5640, -49.0851, 17.0454



55.9680, -1.4632, 2.6591



66.4150, -32.7426, 48.7480



136.3850, -67.2378, 99.6404

Inverse Universe

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



54.0690, 32.0110, -47.4185



70.6140, 42.0953, -61.9285



19.4360, 49.0851, -17.0454



55.4450, 1.7526, -2.1443



55.5850, 32.7426, -48.7480



113.6150, 67.2378, -99.6404

Previews

White Background



This preview shows how the YUV color 64.9310, -32.0110, 47.4185 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 64.9310, -32.0110, 47.4185 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 64.9310, -32.0110, 47.4185

Background



This preview shows how black text looks on a background with the YUV color 64.9310, -32.0110, 47.4185.



This preview shows how white text looks on a background with the YUV color 64.9310, -32.0110,

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

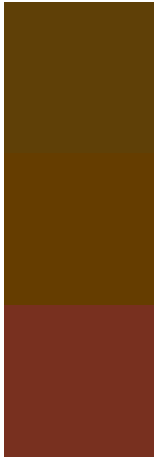
Deuteranopia

66.8260, -32.9452, 20.3236

Tritanopia

69.0550, -9.8871, 44.6788

Trichromacy



Protanomaly

66.7710, -29.4671, 24.7568

Deuteranomaly

66.0060, -32.5410, 30.6897

Tritanomaly

67.5900, -18.0389, 45.9636

Monochromacy



Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3090, -11.9843, 17.2690

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9310, -32.0110, 47.4185 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(119, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 50, 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(119, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 50, 0) }
```

Border

The CSS property to change the border of an element to YUV 64.9310, -32.0110, 47.4185 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(119, 50, 0) }
```

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

```
.border{ border-color:rgb(119, 50, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 50, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 50, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 50, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 50, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 64.9310, -32.0110, 47.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 50, 0) }
```

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

```
.background{ background-color: rgb(119, 50,  
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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