

Converting Colors

YUV(66.9250, -32.9940,
36.0228)

Have a look what the booklet for
YUV(66.9250, -32.9940, 36.0228)
contains.

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Color

**YUV(66.9250, -32.9940,
36.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	6C3B00
RGB	108, 59, 0
RGB Percent	42%, 23%, 0%
CMY	0.5765, 0.7686, 1.0000
CMYK	0.00, 0.45, 1.00, 0.58
HSL	33°, 100%, 21%
HSV	33°, 100%, 42%
XYZ	7.7483, 6.3161, 0.8107
YIQ	66.9250, 48.1430, -7.9610

Conversions

Conversions Part 2

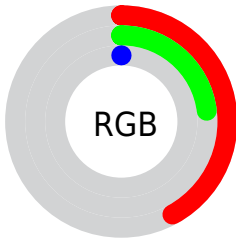
Format	Color
RYB	90, 108, 0
Decimal	7092992
CIELab	30.20, 17.68, 40.47
CIElCh	30, 44.159, 66.401
Yxy	6.3161, 0.5209, 0.4246
Android (android.graphics.Color)	4285283072 (0xFF6C3B00)
YUV	66.9250, -32.9940, 36.0228
Hunter-Lab	25.1318, 11.0521, 15.6796

Details

The YUV color **66.9250, -32.9940, 36.0228** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.0750, 32.9940, -36.0228**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5450, -33.2997, 40.7410**, and **25.5380, -12.5902, 24.9612** is the 20% darker color. If you saturate the color by 10%, you get **66.9250, -32.9940, 36.0228**, and if you desaturate by 10%, it is **71.1140, -29.6362, 32.3490**.

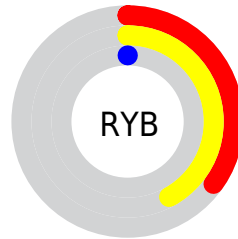
Distribution



Red (42%)

Green (23%)

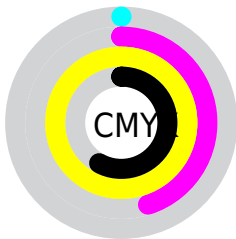
Blue (0%)



Red (35%)

Yellow (42%)

Blue (0%)

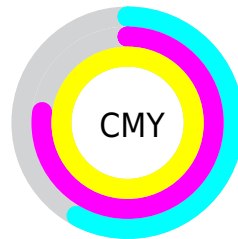


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9250, -32.9940, 36.0228 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 66.9250, -32.9940, 36.0228 by changing the saturation by 10% instead.

66.9250, -32.9940,
36.0228

66.9250, -32.9940,
36.0228

252.6060, -9.1728,
2.0995

45.9380, -22.6474,
30.7494

117.5450,
-33.2997, 40.7410

25.5380, -12.5902,
24.9612

143.6270,
-34.3261, 43.3001

9.6820, -4.2802,
19.5729

170.5950,
-35.7893, 45.9592

0.0000, 0.0000,
0.0000


198.3780,
-36.6684, 47.9035


218.3760,
-33.7094, 32.1192


237.8900,


-30.0188, 15.0055


 249.3000,
-21.8399, 4.9989


 66.9250, -32.9940,
36.0228

 71.1140, -29.6362,
32.3490

 75.3030, -26.2784,
28.6753

 79.3780, -23.3574,
25.1015

 83.5670, -19.9995,
21.4277

 87.7560, -16.6417,
17.7540

■ 91.3580, -12.9945,
14.5950

■ 95.5470, -9.6367,
10.9213

■ 99.6220, -6.7156,
7.3475

■ 103.8110, -3.3578,
3.6738

Harmonies

Analogous

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



66.8620, -17.1870, 52.7410



66.9250, -32.9940, 36.0228



66.1840, -32.6287, 12.1166

Triad

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



66.9250, -32.9940, 36.0228



59.9610, 8.8932, -52.5858



72.4440, 26.8961, 6.6266

Complementary

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



66.9250, -32.9940, 36.0228



41.0750, 32.9940, -36.0228

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.



58.8110, 40.0262, -51.5772



66.9250, -32.9940, 36.0228



63.1360, 23.5970, -55.3703

Square

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



66.9250, -32.9940, 36.0228



54.6830, -6.2527, -47.9570



63.4100, 34.8009, -55.6106



70.3360, 14.1314, 40.9243

Rectangle

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



66.9250, -32.9940, 36.0228



62.8290, -30.9747, -5.1120



63.4100, 34.8009, -55.6106



70.9690, 30.5813, -8.7428

Sweetspot

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



66.9250, -32.9940, 36.0228



124.0590, -12.8471, 13.9803



37.9920, 5.9199, 61.3970



61.6930, -7.7366, 8.1622



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



66.9250, -32.9940, 36.0228



87.0590, -42.9201, 46.4293



94.4920, -46.5846, 8.3385



51.5550, -1.7526, 2.1443



72.5510, -35.7676, 38.9818



151.9130, -74.8931, 81.6373

Inverse Universe

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



41.0750, 32.9940, -36.0228



53.5280, 42.6307, -46.9441



13.5080, 46.5846, -8.3385



50.4450, 1.7526, -2.1443



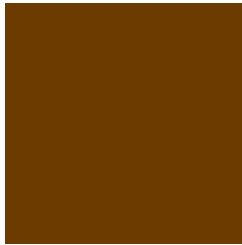
44.4490, 35.7676, -38.9818



93.0870, 74.8931, -81.6373

Previews

White Background



This preview shows how the YUV color 66.9250, -32.9940, 36.0228 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 66.9250, -32.9940, 36.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

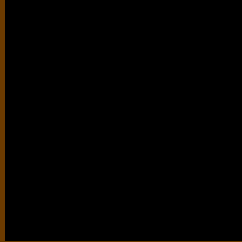
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9250, -32.9940, 36.0228

Background



This preview shows how black text looks on a background with the YUV color 66.9250, -32.9940, 36.0228.



This preview shows how white text looks on a background with the YUV color 66.9250, -32.9940,

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

66.9250, -32.9940, 36.0228

Protanopia

67.5090, -28.8449, 11.8316

Deuteranopia

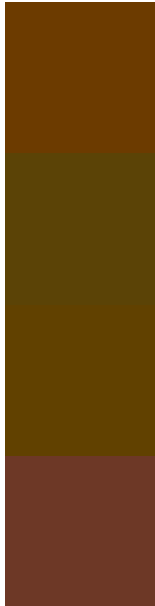
67.1250, -33.0926, 20.9384



Tritanopia

71.9010, -6.3602, 33.4128

Trichromacy



Original Color

66.9250, -32.9940, 36.0228

Protanomaly

67.2220, -30.1824, 20.8533

Deuteranomaly

67.1580, -33.1089, 26.1714

Tritanomaly

69.7950, -15.6749, 34.3828

Monochromacy



Original Color

66.9250, -32.9940, 36.0228

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9880, -11.8261, 13.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9250, -32.9940, 36.0228 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(108, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 59, 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(108, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 59, 0) }
```

Border

The CSS property to change the border of an element to YUV 66.9250, -32.9940, 36.0228 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(108, 59, 0) }
```


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

```
.border{ border-color:rgb(108, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(108, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 59, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 59, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 59, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9250, -32.9940, 36.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 59, 0) }
```

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

```
.background{ background-color: rgb(108, 59,  
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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