

Converting Colors

YUV(84.8480, -32.9561,
23.8123)

Have a look what the booklet for
YUV(84.8480, -32.9561, 23.8123)
contains.

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Color

**YUV(84.8480, -32.9561,
23.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	705412
RGB	112, 84, 18
RGB Percent	44%, 33%, 7%
CMY	0.5608, 0.6706, 0.9294
CMYK	0.00, 0.25, 0.84, 0.56
HSL	42°, 72%, 25%
HSV	42°, 84%, 44%
XYZ	9.9616, 9.8291, 1.9444
YIQ	84.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

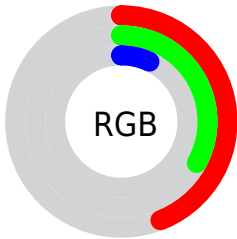
Format	Color
R_{YB}	58, 112, 18
Decimal	7361554
CIE Lab	37.53, 4.99, 40.02
CIE LCh	38, 40.333, 82.892
Yxy	9.8291, 0.4583, 0.4522
Android (android.graphics.Color)	4285551634 (0xFF705412)
YUV	84.8480, -32.9561, 23.8123
Hunter-Lab	31.3513, 1.8519, 18.2687

Details

The YUV color **84.8480, -32.9561, 23.8123** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45.1520, 32.9561, -23.8123**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6420, -33.8405, 27.5010**, and **40.8330, -20.1307, 16.8095** is the 20% darker color. If you saturate the color by 10%, you get **81.8330, -36.8927, 26.4565**, and if you desaturate by 10%, it is **87.8630, -29.0195, 21.1681**.

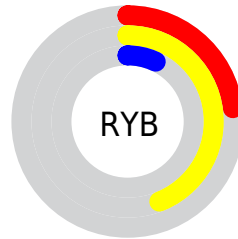
Distribution



Red (44%)

Green (33%)

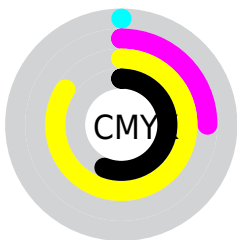
Blue (7%)



Red (23%)

Yellow (44%)

Blue (7%)

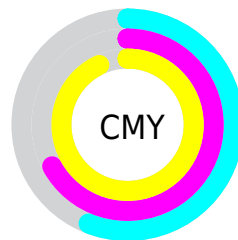


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8480, -32.9561, 23.8123 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 84.8480, -32.9561, 23.8123 by changing the saturation by 10% instead.

84.8480, -32.9561,
23.8123

84.8480, -32.9561,
23.8123

255.0000, 0.0000,
0.0000

61.5210, -30.3299,
21.4681

135.6420,
-33.8405, 27.5010

40.8330, -20.1307,
16.8095

162.1260,
-34.5721, 28.8305

22.2050, -10.9471,
11.2212

189.4960,
-35.7405, 30.2600

0.0000, 0.0000,
0.0000

217.8660,
-36.9089, 31.6895

237.6790,
-33.3657, 15.1905

248.5020,

-24.8975, 5.6987

■ 251.6940,
-12.6671, 2.8994

■ 84.8480, -32.9561,
23.8123

■ 84.8480, -32.9561,
23.8123

■ 81.8330, -36.8927,
26.4565

■ 87.8630, -29.0195,
21.1681

■ 79.8610, -39.3715,
28.1859

■ 91.4650, -25.3722,
18.0092

■ 94.5940, -20.9988,
15.2651

■ 97.6090, -17.0622,
12.6209

■ 101.2110,
-13.4150, 9.4620

■ 104.2260, -9.4784,
6.8178

■ 107.2410, -5.5418,
4.1736

■ 110.9570, -1.4578,
0.9147

■ 113.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



86.2600, -24.2852, 42.7450



84.8480, -32.9561, 23.8123



81.9050, -29.5332, -0.7937

Triad

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



84.8480, -32.9561, 23.8123



73.9300, 19.2615, -64.8366



90.9750, 18.2533, 25.4549

Complementary

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



84.8480, -32.9561, 23.8123



45.1520, 32.9561, -23.8123

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.



88.1320, 30.0079, -11.5168



84.8480, -32.9561, 23.8123



75.2470, 31.9232, -65.9916

Square

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



84.8480, -32.9561, 23.8123



69.4670, 4.6998, -60.9226



72.6200, 39.6273, -63.6877



88.5620, 4.6529, 47.7421

Rectangle

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



84.8480, -32.9561, 23.8123



79.1890, -20.3062, -20.3368



72.6200, 39.6273, -63.6877



91.2340, 22.0696, 14.7038

Sweetspot

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



84.8480, -32.9561, 23.8123



135.0260, -12.8308, 8.7472



49.2980, -1.6259, 54.9897



67.3830, -7.5838, 5.8031



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.8480, -32.9561, 23.8123



103.2290, -50.8919, 36.6332



95.6030, -38.2583, -2.2828



54.1420, -2.0420, 1.6295



85.1880, -41.9977, 30.5301



175.9910, -86.7636, 62.2749

Inverse Universe

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



45.1520, 32.9561, -23.8123



41.7710, 50.8919, -36.6332



34.3970, 38.2583, 2.2828



51.8580, 2.0420, -1.6295



34.8120, 41.9977, -30.5301



71.5960, 86.4742, -62.7897

Previews

White Background



This preview shows how the YUV color 84.8480, -32.9561, 23.8123 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 84.8480, -32.9561, 23.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

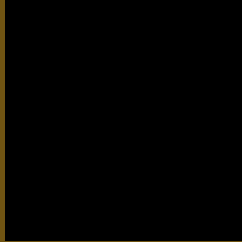
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8480, -32.9561, 23.8123

Background



This preview shows how black text looks on a background with the YUV color 84.8480, -32.9561, 23.8123.



This preview shows how white text looks on a background with the YUV color 84.8480, -32.9561,

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

84.8480, -32.9561, 23.8123

Protanopia

84.3090, -32.1973, 13.7610

Deuteranopia

84.8480, -32.9561, 23.8123



Tritanopia

90.0460, -2.9807, 22.7617

Trichromacy



Original Color

84.8480, -32.9561, 23.8123

Protanomaly

84.3310, -32.2082, 17.2497

Deuteranomaly

84.8480, -32.9561, 23.8123

Tritanomaly

88.1850, -13.8952, 23.5168

Monochromacy



Original Color

84.8480, -32.9561, 23.8123

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2540, -11.9572, 8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8480, -32.9561, 23.8123 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(112, 84, 18)` looks like.

```
.text, #text, p{  
    color:rgb(112, 84, 18)  
}
```

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(112, 84, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 84, 18) }
```

Border

The CSS property to change the border of an element to YUV 84.8480, -32.9561, 23.8123 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(112, 84, 18) }
```


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

```
.border{ border-color:rgb(112, 84, 18) }
```

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

Here you see how a box with a 4 pixel rgb(112, 84, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 84, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 84, 18);  
box-shadow:4px 4px 4px 4px rgb(112, 84,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 84.8480, -32.9561, 23.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 84, 18) }
```

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

```
.background{ background-color: rgb(112, 84,  
18) }
```

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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