

Converting Colors

YUV(88.7290, -32.4044,
33.5637)

Have a look what the booklet for
YUV(88.7290, -32.4044, 33.5637)
contains.

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Color

**YUV(88.7290, -32.4044,
33.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5217
RGB	127, 82, 23
RGB Percent	50%, 32%, 9%
CMY	0.5020, 0.6784, 0.9098
CMYK	0.00, 0.35, 0.82, 0.50
HSL	34°, 69%, 29%
HSV	34°, 82%, 50%
XYZ	11.9243, 10.6085, 2.2298
YIQ	88.7290, 45.7590, -8.8090

Conversions

Conversions Part 2

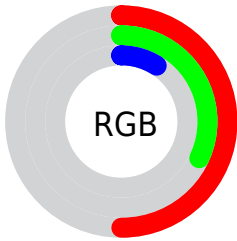
Format	Color
R_{YB}	102, 127, 23
Decimal	8344087
CIE _{Lab}	38.91, 13.61, 39.96
CIE _{LCh}	39, 42.214, 71.191
Yxy	10.6085, 0.4815, 0.4284
Android (android.graphics.Color)	4286534167 (0xFF7F5217)
YUV	88.7290, -32.4044, 33.5637
Hunter-Lab	32.5707, 8.3515, 18.7405

Details

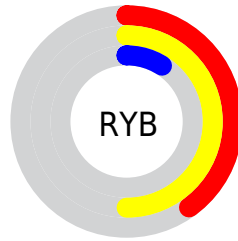
The YUV color **88.7290, -32.4044, 33.5637** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.2710, 32.4044, -33.5637**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0070, -34.0205, 38.5819**, and **43.5460, -21.4682, 25.8312** is the 20% darker color. If you saturate the color by 10%, you get **84.3120, -36.6358, 37.4374**, and if you desaturate by 10%, it is **93.1460, -28.1730, 29.6900**.

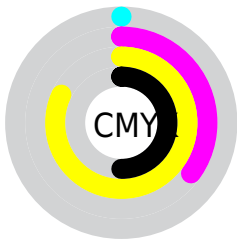
Distribution



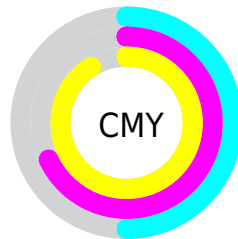
- Red (50%)
- Green (32%)
- Blue (9%)



- Red (40%)
- Yellow (50%)
- Blue (9%)



- Cyan (0%)
- Magenta (35%)
- Yellow (82%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7290, -32.4044, 33.5637 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 88.7290, -32.4044, 33.5637 by changing the saturation by 10% instead.

■ 88.7290, -32.4044,
33.5637

■ 88.7290, -32.4044,
33.5637

255.0000, 0.0000,
0.0000

■ 64.5330, -31.8148,
31.1046

■ 140.0070,
-34.0205, 38.5819

■ 43.5460, -21.4682,
25.8312

■ 167.3770,
-35.1889, 40.0114

■ 24.0320, -11.8478,
20.1429

■ 194.1600,
-36.0679, 41.9557

■ 5.9800, -2.9481,
12.2955

■ 217.5610,
-34.2936, 32.8340

■ 0.0000, 0.0000,
0.0000

■ 237.0750,
-30.6030, 15.7202

■ 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 88.7290, -32.4044,
33.5637

■ 88.7290, -32.4044,
33.5637

■ 84.3120, -36.6358,
37.4374

■ 93.1460, -28.1730,
29.6900

■ 80.2370, -39.5568,
41.0112

■ 98.0360, -24.6677,
25.4014

■ 102.4530,
-20.4363, 21.5277

■ 107.4570,
-16.4943, 17.1392

■ 111.8740,
-12.2629, 13.2655

■ 116.7640, -8.7577,
8.9770

■ 121.1810, -4.5262,
5.1033

■ 126.1850, -0.5842,
0.7148

■ 130.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



89.3410, -20.3811, 50.5669



88.7290, -32.4044, 33.5637



86.0050, -34.5125, 9.6426

Triad

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



88.7290, -32.4044, 33.5637



75.2520, 14.1728, -65.9960



94.5050, 24.4010, 13.5891

Complementary

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



88.7290, -32.4044, 33.5637



61.2710, 32.4044, -33.5637

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.



85.2970, 36.3356, -34.4635



88.7290, -32.4044, 33.5637



78.3130, 28.4397, -68.6805

Square

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



88.7290, -32.4044, 33.5637



70.5610, -1.2626, -61.8820



77.0710, 38.9120, -67.5913



92.5490, 11.0683, 43.3685

Rectangle

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



88.7290, -32.4044, 33.5637



84.0180, -27.6169, -8.7858



77.0710, 38.9120, -67.5913



93.4540, 28.3702, 0.4788

Sweetspot

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



88.7290, -32.4044, 33.5637



150.6460, -13.1365, 13.4655



59.2260, 4.3256, 59.4378



74.6930, -7.7366, 8.1622



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



88.7290, -32.4044, 33.5637



105.7410, -50.6513, 52.8471



113.0510, -44.3951, 6.0943



61.4410, -2.1894, 2.2442



80.5360, -39.7042, 41.6259



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.2710, 32.4044, -33.5637



63.2590, 50.6513, -52.8471



36.9490, 44.3951, -6.0943



59.5590, 2.1894, -2.2442



46.8770, 39.9936, -41.1111



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.7290, -32.4044, 33.5637 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 × Fail

Black Background



This preview shows how the YUV color 88.7290, -32.4044, 33.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

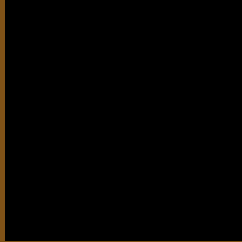
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7290, -32.4044, 33.5637

Background



This preview shows how black text looks on a background with the YUV color 88.7290, -32.4044, 33.5637.



This preview shows how white text looks on a background with the YUV color 88.7290, -32.4044,

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

88.7290, -32.4044, 33.5637

Protanopia

87.7650, -30.4501, 13.3611

Deuteranopia

88.0330, -33.5403, 24.5271



Tritanopia

93.4170, -5.6286, 32.0833

Trichromacy



Original Color

88.7290, -32.4044, 33.5637

Protanomaly

87.9940, -31.0560, 21.0533

Deuteranomaly

88.1690, -33.1143, 27.9158

Tritanomaly

91.8980, -15.2327, 32.5385

Monochromacy



Original Color

88.7290, -32.4044, 33.5637

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6890, -11.6787, 12.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7290, -32.4044, 33.5637 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(127, 82, 23)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 23)  
}
```

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(127, 82, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 23) }
```

Border

The CSS property to change the border of an element to YUV 88.7290, -32.4044, 33.5637 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(127, 82, 23) }
```


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

```
.border{ border-color:rgb(127, 82, 23) }
```

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

Here you see how a box with a 4 pixel rgb(127, 82, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 23);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 88.7290, -32.4044, 33.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 23) }
```

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

```
.background{ background-color: rgb(127, 82,  
23) }
```

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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