

Converting Colors

YUV(88.2990, 47.1806, 33.9408)

Have a look what the booklet for
YUV(88.2990, 47.1806, 33.9408)
contains.

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Color

**YUV(88.2990, 47.1806,
33.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	7F32B8
RGB	127, 50, 184
RGB Percent	50%, 20%, 72%
CMY	0.5020, 0.8039, 0.2784
CMYK	0.31, 0.73, 0.00, 0.28
HSL	274°, 57%, 46%
HSV	274°, 73%, 72%
XYZ	18.5447, 10.2539, 46.3492
YIQ	88.2990, 2.8780, 57.9980

Conversions

Conversions Part 2

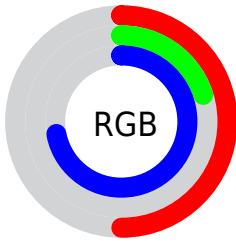
Format	Color
R_{YB}	127, 50, 184
Decimal	8336056
CIE _{Lab}	38.29, 55.97, -56.84
CIE _{LCh}	38, 79.772, 314.560
Yxy	10.2539, 0.2468, 0.1364
Android (android.graphics.Color)	4286526136 (0xFF7F32B8)
YUV	88.2990, 47.1806, 33.9408
Hunter-Lab	32.0217, 47.3365, -63.4028

Details

The YUV color **88.2990, 47.1806, 33.9408** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **145.7010, -47.1806, -33.9408**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9510, 48.3382, 36.0000**, and **36.0490, 46.3178, 30.6520** is the 20% darker color. If you saturate the color by 10%, you get **75.3410, 53.5689, 38.2889**, and if you desaturate by 10%, it is **101.2570, 40.7923, 29.5926**.

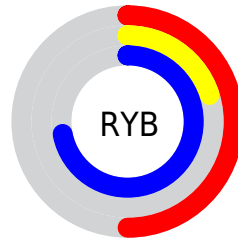
Distribution



Red (50%)

Green (20%)

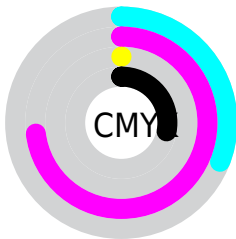
Blue (72%)



Red (50%)

Yellow (20%)

Blue (72%)

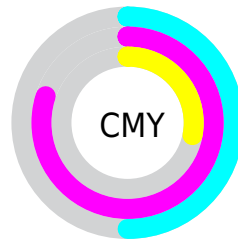


Cyan (31%)

Magenta (73%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (80%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2990, 47.1806, 33.9408 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 88.2990, 47.1806, 33.9408 by changing the saturation by 10% instead.

88.2990, 47.1806,
33.9408

88.2990, 47.1806,
33.9408

255.0000, 0.0000,
0.0000

59.2390, 48.1962,
34.8704

142.9510, 48.3382,
36.0000

36.0490, 46.3178,
30.6520

169.0670, 42.3650,
38.5292

24.4140, 39.2359,
15.4229

193.8860, 30.1292,
43.0730

12.2950, 32.8856,
-1.1357

213.9100, 20.2574,
36.0359

6.8570, 23.7345,
-6.0136

230.9330, 11.8650,
21.1068

4.9360, 13.8356,
-4.3289

247.9560, 3.4727,

0.5700, 2.1840,

6.1776

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 88.2990, 47.1806,
33.9408

■ 88.2990, 47.1806,
33.9408

■ 75.3410, 53.5689,
38.2889

■ 101.2570, 40.7923,
29.5926

■ 61.7960, 60.2466,
43.1519

■ 114.8020, 34.1146,
24.7296

■ 52.6700, 64.7457,
46.7704

■ 127.4610, 27.8737,
19.7667

■ 141.0060, 21.1960,
14.9037

■ 153.9640, 14.8077,
10.5556

■ 166.9220, 8.4195,
6.2074

■ 180.4670, 1.7418,
1.3444

■ 193.4250, -4.6465,
-3.0037

■ 206.6710,
-11.1768, -8.4815

Harmonies

Analogous

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



77.0950, 69.4662, -67.6123



88.2990, 47.1806, 33.9408



69.3800, 27.9137, 100.5217

Triad

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



88.2990, 47.1806, 33.9408



85.2870, -42.0465, 46.2293



81.2990, 19.5726, -71.2992

Complementary

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



88.2990, 47.1806, 33.9408



145.7010, -47.1806, -33.9408

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.



72.3730, -9.5509, -63.4711



88.2990, 47.1806, 33.9408



81.4570, -40.1583, 0.4762

Square

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



88.2990, 47.1806, 33.9408



69.6580, -34.3414, 95.0159



63.3960, -31.2542, -55.5983



88.1390, 45.7805, -77.2979

Rectangle

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



88.2990, 47.1806, 33.9408



68.4790, 7.6519, 112.7129



63.3960, -31.2542, -55.5983



78.7910, 9.9630, -69.0997

Sweetspot

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



88.2990, 47.1806, 33.9408



202.0120, 18.7281, 13.1445



99.3220, 41.7463, -43.2554



97.9160, 10.8874, 7.9667



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



88.2990, 47.1806, 33.9408



90.7060, 73.6019, 52.8778



104.3160, 34.8472, 69.8829



85.5210, 3.1941, 2.1741



44.3950, 55.0213, 39.1186



7.9760, 9.8718, 7.0370

Inverse Universe

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



96.5640, 5.1449, 76.6814



103.6370, 8.0670, 119.5904



129.6840, -34.8472, -69.8829



86.1470, 0.4205, 5.1331



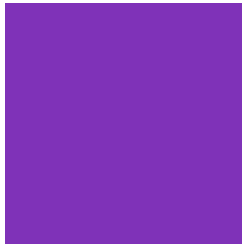
54.1680, 5.8332, 89.3067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 88.2990, 47.1806, 33.9408 looks on a white background.

Color Contrast Check

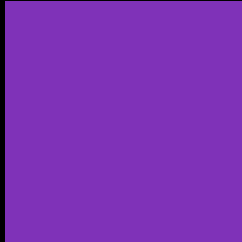
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2990, 47.1806, 33.9408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

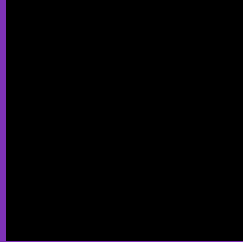
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2990, 47.1806, 33.9408

Background



This preview shows how black text looks on a background with the YUV color 88.2990, 47.1806, 33.9408.



This preview shows how white text looks on a background with the YUV color 88.2990, 47.1806,

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

88.2990, 47.1806, 33.9408

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.9450, 43.4111, -63.9728



Tritanopia

91.8710, -0.9224, 15.8991

Trichromacy



Original Color

88.2990, 47.1806, 33.9408



Protanomaly

78.2820, 52.6120, -28.3113



Deuteranomaly

78.2190, 44.7550, -28.2561



Tritanomaly

90.4970, 16.5170, 22.3661

Monochromacy



Original Color

88.2990, 47.1806, 33.9408



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.9580, 17.2757, 12.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2990, 47.1806, 33.9408 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, 50, 184)` looks like.

```
.text, #text, p{  
    color:rgb(127, 50, 184)  
}
```

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, 50, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 50, 184) }
```

Border

The CSS property to change the border of an element to YUV 88.2990, 47.1806, 33.9408 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, 50, 184) }
```


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

```
.border{ border-color:rgb(127, 50, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 50, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 50, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 50, 184);  
box-shadow:4px 4px 4px 4px rgb(127, 50,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 88.2990, 47.1806, 33.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 50, 184) }
```

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

```
.background{ background-color: rgb(127, 50,  
184) }
```

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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