

Converting Colors

YUV(86.4950, 46.5910, 36.3999)

Have a look what the booklet for
YUV(86.4950, 46.5910, 36.3999)
contains.

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Color

**YUV(86.4950, 46.5910,
36.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	802FB5
RGB	128, 47, 181
RGB Percent	50%, 18%, 71%
CMY	0.4980, 0.8157, 0.2902
CMYK	0.29, 0.74, 0.00, 0.29
HSL	276°, 59%, 45%
HSV	276°, 74%, 71%
XYZ	18.2591, 9.9584, 44.6759
YIQ	86.4950, 5.2620, 58.8460

Conversions

Conversions Part 2

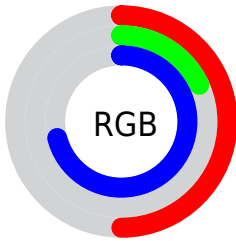
Format	Color
R_{YB}	128, 47, 181
Decimal	8400821
CIE _{Lab}	37.77, 56.75, -55.91
CIE _{LCh}	38, 79.664, 315.423
Yxy	9.9584, 0.2505, 0.1366
Android (android.graphics.Color)	4286590901 (0xFF802FB5)
YUV	86.4950, 46.5910, 36.3999
Hunter-Lab	31.5570, 48.0567, -61.8482

Details

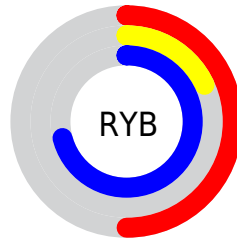
The YUV color **86.4950, 46.5910, 36.3999** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **141.5050, -46.5910, -36.3999**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7340, 47.4591, 37.9443**, and **36.0060, 44.8600, 31.5667** is the 20% darker color. If you saturate the color by 10%, you get **73.8360, 52.8319, 41.3628**, and if you desaturate by 10%, it is **99.1540, 40.3501, 31.4369**.

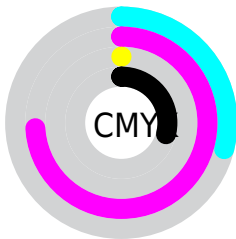
Distribution



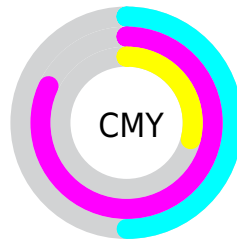
- Red (50%)
- Green (18%)
- Blue (71%)



- Red (50%)
- Yellow (18%)
- Blue (71%)



- Cyan (29%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (50%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4950, 46.5910, 36.3999 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 86.4950, 46.5910, 36.3999 by changing the saturation by 10% instead.

86.4950, 46.5910,
36.3999

86.4950, 46.5910,
36.3999

255.0000, 0.0000,
0.0000

56.2610, 48.1853,
38.3591

141.7340, 47.4591,
37.9443

36.0060, 44.8600,
31.5667

168.1920, 42.7963,
40.1736

24.3710, 37.7781,
16.3376

193.0110, 30.5606,
44.7174

12.9640, 31.5697,
0.9086

212.7360, 20.8362,
37.0655

6.6290, 22.8609,
-5.8136

229.1720, 12.7332,
22.6512

4.5940, 12.5252,
-4.0289

246.1950, 4.3409,

0.1140, 0.4368,

7.7220

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 86.4950, 46.5910,
36.3999

■ 86.4950, 46.5910,
36.3999

■ 73.8360, 52.8319,
41.3628

■ 99.1540, 40.3501,
31.4369

■ 61.1770, 59.0727,
46.3258

■ 111.8130, 34.1092,
26.4740

■ 53.2250, 62.9931,
48.9147

■ 124.4720, 27.8683,
21.5111

■ 137.4300, 21.4800,
17.1629

■ 150.6760, 14.9497,
11.6851

■ 163.3350, 8.7088,
6.7222

■ 175.9940, 2.4680,
1.7593

■ 188.6530, -3.7729,
-3.2037

■ 201.3120,
-10.0138, -8.1666

Harmonies

Analogous

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



75.6930, 69.1714, -66.3828



86.4950, 46.5910, 36.3999



68.7390, 26.7507, 100.2069

Triad

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



86.4950, 46.5910, 36.3999



83.8030, -41.3149, 44.8998



80.8260, 20.2988, -70.8844

Complementary

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



86.4950, 46.5910, 36.3999



141.5050, -46.5910, -36.3999

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.



71.9000, -8.8247, -63.0563



86.4950, 46.5910, 36.3999



79.6740, -39.2793, -1.4681

Square

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



86.4950, 46.5910, 36.3999



68.7610, -33.8992, 93.1716



62.8090, -30.9648, -55.0835



86.9650, 46.3593, -76.2683

Rectangle

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



86.4950, 46.5910, 36.3999



67.5390, 6.6363, 111.7833



62.8090, -30.9648, -55.0835



77.6170, 10.5418, -68.0701

Sweetspot

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



86.4950, 46.5910, 36.3999



198.1970, 18.1439, 13.8592



93.9740, 42.9038, -41.1962



95.8020, 10.4506, 8.0666



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



86.4950, 46.5910, 36.3999



87.5000, 72.7175, 56.5665



100.8600, 33.1000, 70.2828



82.8200, 3.0467, 2.7889



44.9500, 53.2687, 41.2629



7.4490, 9.1456, 6.6222

Inverse Universe

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



93.1080, 3.3978, 77.0813



97.8390, 5.0094, 120.2902



127.1400, -33.1000, -70.2828



83.1470, 0.4205, 5.1331



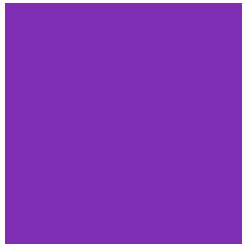
52.7010, 4.0914, 87.9622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 86.4950, 46.5910, 36.3999 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 86.4950, 46.5910, 36.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

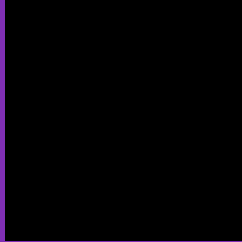
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4950, 46.5910, 36.3999

Background



This preview shows how black text looks on a background with the YUV color 86.4950, 46.5910, 36.3999.



This preview shows how white text looks on a background with the YUV color 86.4950, 46.5910,

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

86.4950, 46.5910, 36.3999

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

71.6570, 43.5531, -62.8432



Tritanopia

90.9530, -1.9488, 18.4582

Trichromacy



Original Color

86.4950, 46.5910, 36.3999



Protanomaly

77.0650, 51.7330, -26.3670



Deuteranomaly

77.2300, 44.7496, -26.5117



Tritanomaly

89.5790, 15.4906, 24.9252

Monochromacy



Original Color

86.4950, 46.5910, 36.3999



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.2570, 17.1283, 12.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4950, 46.5910, 36.3999 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(128, 47, 181)` looks like.

```
.text, #text, p{  
    color:rgb(128, 47, 181)  
}
```

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(128, 47, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 47, 181) }
```

Border

The CSS property to change the border of an element to YUV 86.4950, 46.5910, 36.3999 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(128, 47, 181) }
```


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

```
.border{ border-color:rgb(128, 47, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 47, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 47, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 47, 181);  
box-shadow:4px 4px 4px 4px rgb(128, 47,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 86.4950, 46.5910, 36.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 47, 181) }
```

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

```
.background{ background-color: rgb(128, 47,  
181) }
```

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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