

Converting Colors

YUV(46.8040, 47.9176, 30.8669)

Have a look what the booklet for
YUV(46.8040, 47.9176, 30.8669)
contains.

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Color

**YUV(46.8040, 47.9176,
30.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	520A90
RGB	82, 10, 144
RGB Percent	32%, 4%, 56%
CMY	0.6784, 0.9608, 0.4353
CMYK	0.43, 0.93, 0.00, 0.44
HSL	272°, 87%, 30%
HSV	272°, 93%, 56%
XYZ	8.6223, 4.0245, 26.7079
YIQ	46.8040, -0.1020, 56.9380

Conversions

Conversions Part 2

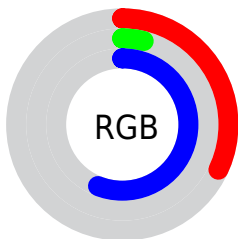
Format	Color
R_{YB}	82, 10, 144
Decimal	5376656
CIE _{Lab}	23.75, 53.32, -56.66
CIE _{LCh}	24, 77.799, 313.260
Yxy	4.0245, 0.2191, 0.1023
Android (android.graphics.Color)	4283566736 (0xFF520A90)
YUV	46.8040, 47.9176, 30.8669
Hunter-Lab	20.0612, 41.6115, -64.8910

Details

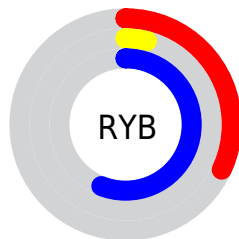
The YUV color **46.8040, 47.9176, 30.8669** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **107.1960, -47.9176, -30.8669**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8640, 46.9020, 29.9373**, and **17.3650, 36.7951, 4.9419** is the 20% darker color. If you saturate the color by 10%, you get **39.4390, 51.5486, 32.9410**, and if you desaturate by 10%, it is **57.1150, 42.8343, 27.9631**.

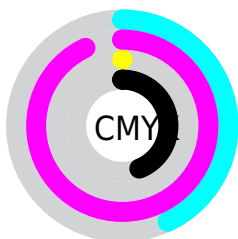
Distribution



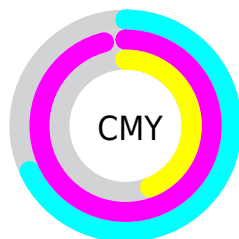
- Red (32%)
- Green (4%)
- Blue (56%)



- Red (32%)
- Yellow (4%)
- Blue (56%)



- Cyan (43%)
- Magenta (93%)
- Yellow (0%)
- Black (44%)



- Cyan (68%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8040, 47.9176, 30.8669 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 46.8040, 47.9176, 30.8669 by changing the saturation by 10% instead.

46.8040, 47.9176,
30.8669

46.8040, 47.9176,
30.8669

255.0000, 0.0000,
0.0000

29.2990, 43.7296,
20.7858

103.8640, 46.9020,
29.9373

17.3650, 36.7951,
4.9419

130.6900, 47.4808,
30.9669

7.7520, 29.7023,
-6.7985

158.4020, 47.6228,
32.0964

6.7770, 18.3509,
-5.9434

182.3350, 35.8238,
36.5402

3.2090, 9.7570,
-2.8143

207.7410, 23.2987,
40.5691

0.0000, 0.0000,
0.0000

224.4760, 15.0483,

26.7695

241.4990, 6.6560,
11.8404

46.8040, 47.9176,
30.8669

46.8040, 47.9176,
30.8669

39.4390, 51.5486,
32.9410

57.1150, 42.8343,
27.9631

67.7140, 37.6090,
23.9298

78.0250, 32.5257,
21.0261

88.9230, 27.1530,
17.6075

98.9350, 22.2170,
14.0890

■ 109.2460, 17.1337,
11.1853

■ 120.1440, 11.7610,
7.7667

■ 130.1560, 6.8251,
4.2482

■ 141.0540, 1.4524,
0.8296

Harmonies

Analogous

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



53.9960, 59.6550, -47.3545



46.8040, 47.9176, 30.8669



51.7500, 19.8433, 75.6412

Triad

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



46.8040, 47.9176, 30.8669



52.7710, -26.0161, 37.9118



53.9600, 13.8237, -47.3229

Complementary

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



46.8040, 47.9176, 30.8669



107.1960, -47.9176, -30.8669

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.



46.1910, -13.4052, -40.5095



46.8040, 47.9176, 30.8669



50.1480, -24.7230, -3.6378

Square

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



46.8040, 47.9176, 30.8669



39.4680, -19.4577, 81.1506



41.6770, -20.5468, -36.5507



60.9310, 37.9950, -53.4365

Rectangle

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



46.8040, 47.9176, 30.8669



50.7070, 1.6234, 86.2030



41.6770, -20.5468, -36.5507



51.6800, 5.0878, -45.3234

Sweetspot

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



46.8040, 47.9176, 30.8669



148.3000, 18.5861, 12.0149



62.2570, 40.2993, -45.8294



71.0300, 11.3242, 7.8667



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



46.8040, 47.9176, 30.8669



51.1040, 66.5037, 42.8818



64.8860, 37.0312, 69.3830



65.9940, 2.4680, 1.7593



37.2170, 48.2070, 31.3817



2.1080, 2.9048, 1.6593

Inverse Universe

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



57.1340, 7.3289, 76.1815



65.4180, 10.1469, 105.7504



89.1140, -37.0312, -69.3830



66.5490, 0.7153, 3.9035



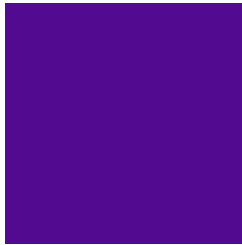
47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 46.8040, 47.9176, 30.8669 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 46.8040, 47.9176, 30.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

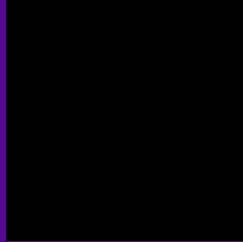
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8040, 47.9176, 30.8669

Background



This preview shows how black text looks on a background with the YUV color 46.8040, 47.9176, 30.8669.



This preview shows how white text looks on a background with the YUV color 46.8040, 47.9176,

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

46.8040, 47.9176, 30.8669

Deuteranopia

46.8480, 27.1899, -41.0857

Tritanopia

59.2500, 0.8628, 3.2888

Trichromacy



Original Color

46.8040, 47.9176, 30.8669

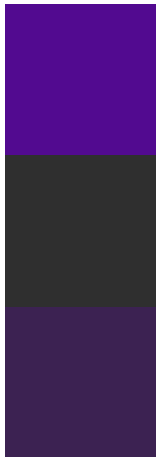
Deuteranomaly

46.9620, 34.5287, -14.8757

Tritanomaly

54.7840, 17.8545, 13.3444

Monochromacy



Original Color

46.8040, 47.9176, 30.8669

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2460, 17.1337, 11.1853

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8040, 47.9176, 30.8669 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(82, 10, 144)` looks like.

```
.text, #text, p{  
    color:rgb(82, 10, 144)  
}
```

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(82, 10, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 10, 144) }
```

Border

The CSS property to change the border of an element to YUV 46.8040, 47.9176, 30.8669 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(82, 10, 144) }
```

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

```
.border{ border-color:rgb(82, 10, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 10, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 10, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 10, 144);  
box-shadow:4px 4px 4px 4px rgb(82, 10,  
144) }
```


Background

The CSS property to change the background color of an element to YUV 46.8040, 47.9176, 30.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 10, 144) }
```

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

```
.background{ background-color: rgb(82, 10,  
144) }
```

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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