

Converting Colors

YUV(78.8730, 46.4046, 2.7424)

Have a look what the booklet for
YUV(78.8730, 46.4046, 2.7424)
contains.

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Color

**YUV(78.8730, 46.4046,
2.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	523BAD
RGB	82, 59, 173
RGB Percent	32%, 23%, 68%
CMY	0.6784, 0.7686, 0.3216
CMYK	0.53, 0.66, 0.00, 0.32
HSL	252°, 49%, 45%
HSV	252°, 66%, 68%
XYZ	12.5865, 7.9389, 40.4041
YIQ	78.8730, -22.8860, 40.3300

Conversions

Conversions Part 2

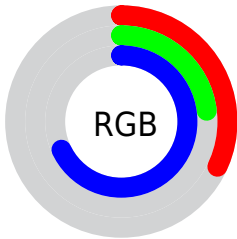
Format	Color
R _Y B	82, 59, 173
Decimal	5389229
CIE Lab	33.86, 39.96, -57.76
CIE LCh	34, 70.238, 304.676
Yxy	7.9389, 0.2066, 0.1303
Android (android.graphics.Color)	4283579309 (0xFF523BAD)
YUV	78.8730, 46.4046, 2.7424
Hunter-Lab	28.1760, 30.4293, -65.2980

Details

The YUV color **78.8730, 46.4046, 2.7424** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **153.1270, -46.4046, -2.7424**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0630, 48.2829, 6.9607**, and **24.7850, 46.4480, -11.2124** is the 20% darker color. If you saturate the color by 10%, you get **64.7080, 53.3880, 2.8871**, and if you desaturate by 10%, it is **93.0380, 39.4213, 2.5977**.

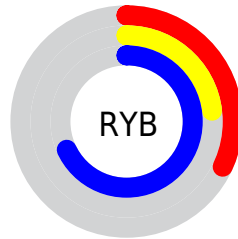
Distribution



Red (32%)

Green (23%)

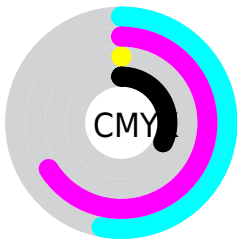
Blue (68%)



Red (32%)

Yellow (23%)

Blue (68%)

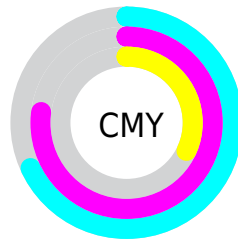


Cyan (53%)

Magenta (66%)

Yellow (0%)

Black (32%)



Cyan (68%)

Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8730, 46.4046, 2.7424 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 78.8730, 46.4046, 2.7424 by changing the saturation by 10% instead.

■ 78.8730, 46.4046,
2.7424

■ 78.8730, 46.4046,
2.7424

■ 255.0000, 0.0000,
0.0000

■ 53.3240, 45.6893,
-1.1611

■ 131.0630, 48.2829,
6.9607

■ 24.7850, 46.4480,
-11.2124

■ 157.0740, 48.2775,
8.7051

■ 10.7160, 41.0590,
-9.3979

■ 181.5940, 36.1892,
12.6341

■ 7.8660, 30.1391,
-6.8985

■ 206.4130, 23.9534,
17.1778

■ 7.5920, 18.9351,
-6.6582

■ 231.5200, 11.5756,
20.5920

■ 3.3230, 10.1938,
-2.9143

■ 248.5430, 3.1833,

■ 0.0000, 0.0000,

5.6628

0.0000

■ 78.8730, 46.4046,
2.7424

■ 78.8730, 46.4046,
2.7424

■ 64.7080, 53.3880,
2.8871

■ 93.0380, 39.4213,
2.5977

■ 49.9560, 60.6607,
3.5466

■ 107.7900, 32.1485,
1.9382

■ 36.0900, 67.4966,
4.3061

■ 121.6560, 25.3126,
1.1787

■ 30.1870, 70.4068,
4.2210

■ 135.8210, 18.3292,
1.0340

■ 150.5730, 11.0565,
0.3745

■ 164.7380, 4.0732,
0.2298

■ 178.9030, -2.9102,
0.0851

■ 192.7690, -9.7461,
-0.6744

■ 207.5210,
-17.0189, -1.3339

Harmonies

Analogous

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



71.8970, 59.7038, -63.0537



78.8730, 46.4046, 2.7424



59.4420, 33.7991, 79.4194

Triad

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



78.8730, 46.4046, 2.7424



73.5250, -36.2478, 53.0366



69.2050, 8.7729, -60.6928

Complementary

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



78.8730, 46.4046, 2.7424



153.1270, -46.4046, -2.7424

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.



61.0770, -17.2930, -53.5645



78.8730, 46.4046, 2.7424



74.7560, -36.8547, 14.2460

Square

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



78.8730, 46.4046, 2.7424



51.2020, -15.8756, 98.9238



62.0660, -30.5985, -32.5069



76.1760, 32.9442, -66.8064

Rectangle

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



78.8730, 46.4046, 2.7424



60.7200, 15.4210, 94.0846



62.0660, -30.5985, -32.5069



67.0390, 0.4738, -58.7932

Sweetspot

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



78.8730, 46.4046, 2.7424



187.7070, 17.8924, 1.1340



125.4130, 23.4604, -58.2442



89.8720, 10.9091, 0.9893



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



78.8730, 46.4046, 2.7424



77.9420, 72.0066, 4.4359



95.9160, 38.0024, 37.7847



79.6240, 3.6364, 0.3298



26.0700, 61.0975, 3.4466



4.1170, 9.3093, 0.7744

Inverse Universe

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



103.4600, 22.9442, 60.9866



116.1110, 35.9343, 94.6187



136.0840, -38.0024, -37.7847



81.4890, 1.7309, 4.8331



58.5300, 30.3047, 80.2192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 78.8730, 46.4046, 2.7424 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 78.8730, 46.4046, 2.7424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

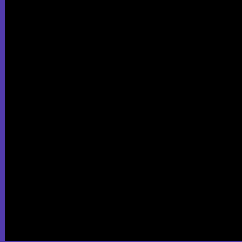
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8730, 46.4046, 2.7424

Background



This preview shows how black text looks on a background with the YUV color 78.8730, 46.4046, 2.7424.



This preview shows how white text looks on a background with the YUV color 78.8730, 46.4046,

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

78.8730, 46.4046, 2.7424

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

64.0940, 37.4217, -56.2104



Tritanopia

76.4260, 7.1850, -17.9136

Trichromacy



Original Color

78.8730, 46.4046, 2.7424

Protanomaly

68.9840, 47.8289, -34.1890

Deuteranomaly

69.7360, 40.5562, -34.8485

Tritanomaly

77.2540, 21.5668, -10.7468

Monochromacy



Original Color

78.8730, 46.4046, 2.7424

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0660, 16.7295, 0.8191

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8730, 46.4046, 2.7424 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, 59, 173)` looks like.

```
.text, #text, p{  
    color:rgb(82, 59, 173)  
}
```

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, 59, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 59, 173) }
```

Border

The CSS property to change the border of an element to YUV 78.8730, 46.4046, 2.7424 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, 59, 173) }
```


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

```
.border{ border-color:rgb(82, 59, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 59, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 59, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 59, 173);  
box-shadow:4px 4px 4px 4px rgb(82, 59,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 78.8730, 46.4046, 2.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 59, 173) }
```

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

```
.background{ background-color: rgb(82, 59,  
173) }
```

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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