

Converting Colors

YUV(82.0390, 24.6308, 33.2918)

Have a look what the booklet for
YUV(82.0390, 24.6308, 33.2918)
contains.

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Color

**YUV(82.0390, 24.6308,
33.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	783584
RGB	120, 53, 132
RGB Percent	47%, 21%, 52%
CMY	0.5294, 0.7922, 0.4824
CMYK	0.09, 0.60, 0.00, 0.48
HSL	291°, 43%, 36%
HSV	291°, 60%, 52%
XYZ	13.1837, 8.2052, 22.7187
YIQ	82.0390, 14.5730, 38.7730

Conversions

Conversions Part 2

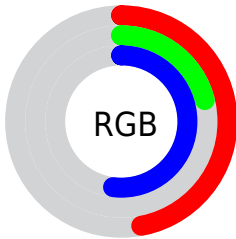
Format	Color
R_{YB}	120, 53, 132
Decimal	7878020
CIE _{Lab}	34.41, 41.55, -31.72
CIE _{LCh}	34, 52.273, 322.647
Yxy	8.2052, 0.2989, 0.1860
Android (android.graphics.Color)	4286068100 (0xFF783584)
YUV	82.0390, 24.6308, 33.2918
Hunter-Lab	28.6448, 32.0259, -26.9727

Details

The YUV color **82.0390, 24.6308, 33.2918** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **102.9610, -24.6308, -33.2918**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2780, 25.4989, 34.8362**, and **29.6800, 25.7938, 33.6066** is the 20% darker color. If you saturate the color by 10%, you get **73.8100, 28.6877, 38.7546**, and if you desaturate by 10%, it is **90.2680, 20.5739, 27.8290**.

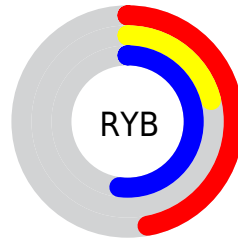
Distribution



Red (47%)

Green (21%)

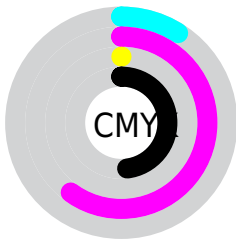
Blue (52%)



Red (47%)

Yellow (21%)

Blue (52%)

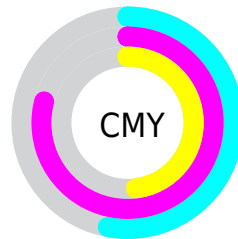


Cyan (9%)

Magenta (60%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (79%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0390, 24.6308, 33.2918 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 82.0390, 24.6308, 33.2918 by changing the saturation by 10% instead.

82.0390, 24.6308,
33.2918

82.0390, 24.6308,
33.2918

255.0000, 0.0000,
0.0000

56.0390, 24.6308,
33.2918

134.2780, 25.4989,
34.8362

29.6800, 25.7938,
33.6066

160.9900, 25.6409,
35.9658

20.0670, 18.7010,
21.8662

188.2290, 26.5091,
37.5102

9.1870, 13.2188,
6.8520

213.3230, 20.5468,
36.5507

1.3680, 5.2416,
-1.1997

229.7590, 12.4438,
22.1364

0.0000, 0.0000,
0.0000

246.7820, 4.0515,

■ 82.0390, 24.6308,
33.2918

■ 82.0390, 24.6308,
33.2918

■ 73.8100, 28.6877,
38.7546

■ 90.2680, 20.5739,
27.8290

■ 65.5810, 32.7446,
44.2175

■ 98.4970, 16.5170,
22.3661

■ 56.7650, 37.0909,
50.1951

■ 107.3130, 12.1707,
16.3885

■ 48.5360, 41.1478,
55.6579

■ 115.5420, 8.1138,
10.9257

■ 123.7710, 4.0569,
5.4628

■ 132.0000, 0.0000,
0.0000

■ 140.2290, -4.0569,
-5.4628

■ 149.0450, -8.4032,
-11.4405

■ 157.2740,
-12.4601, -16.9033

Harmonies

Analogous

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



77.2970, 39.7866, -21.3085



82.0390, 24.6308, 33.2918



74.5240, 9.1087, 65.3155

Triad

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



82.0390, 24.6308, 33.2918



76.6050, -37.7663, 26.6564



70.8810, 20.2717, -62.1626

Complementary

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



82.0390, 24.6308, 33.2918



102.9610, -24.6308, -33.2918

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.



65.9790, 1.4894, -57.8636



82.0390, 24.6308, 33.2918



72.2870, -35.6375, -2.8827

Square

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



82.0390, 24.6308, 33.2918



75.3770, -31.7379, 53.1664



58.6150, -16.5722, -51.4054



73.6970, 36.1384, -64.6323

Rectangle

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



82.0390, 24.6308, 33.2918



71.9410, -3.4219, 71.0887



58.6150, -16.5722, -51.4054



69.2850, 14.1565, -60.7629

Sweetspot

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



82.0390, 24.6308, 33.2918



151.3080, 9.7082, 12.8849



69.6370, 30.7450, -14.5906



74.9500, 5.9406, 7.9368



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



82.0390, 24.6308, 33.2918



93.1180, 38.3958, 51.6395



82.6630, 11.5051, 43.2685



62.1790, 1.8838, 2.4740



47.7100, 40.5690, 54.6283



0.9400, 1.0156, 0.9296

Inverse Universe

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



77.9890, -6.4036, 47.3676



86.9430, -9.8319, 73.7180



102.3370, -11.5051, -43.2685



61.9080, -0.4476, 3.5887



41.1500, -10.4269, 77.9214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 82.0390, 24.6308, 33.2918 looks on a white background.

Color Contrast Check

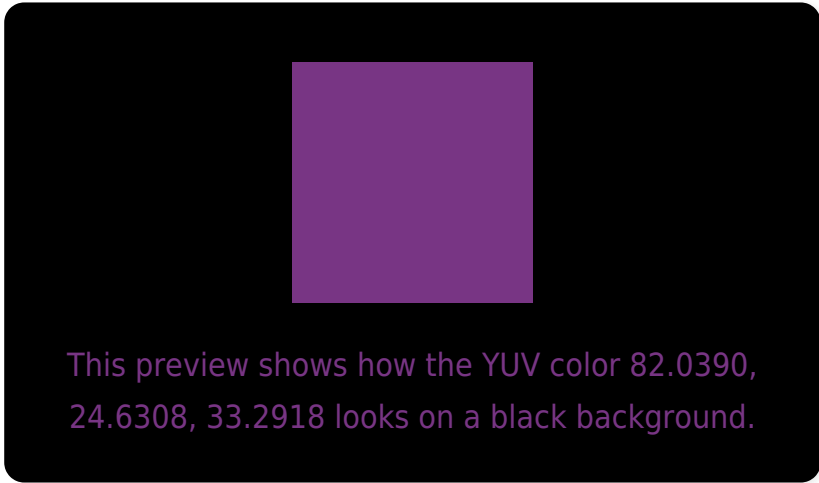
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

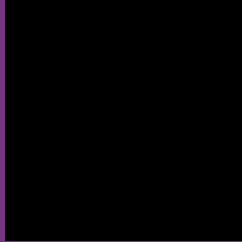
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0390, 24.6308, 33.2918

Background



This preview shows how black text looks on a background with the YUV color 82.0390, 24.6308, 33.2918.



This preview shows how white text looks on a background with the YUV color 82.0390, 24.6308,

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

82.0390, 24.6308, 33.2918

Protanopia

75.3340, 40.2613, -33.6189

Deuteranopia

79.9540, 23.1937, -19.2537



Tritanopia

82.4270, -4.1545, 25.9355

Trichromacy



Original Color

82.0390, 24.6308, 33.2918

Protanomaly

77.9950, 34.5125, -9.6426

Deuteranomaly

80.6020, 23.8602, 0.3490

Tritanomaly

82.1960, 6.3124, 28.7691

Monochromacy



Original Color

82.0390, 24.6308, 33.2918

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7810, 8.9820, 12.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0390, 24.6308, 33.2918 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(120, 53, 132)` looks like.

```
.text, #text, p{  
  color:rgb(120, 53, 132)  
}
```

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(120, 53, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 53, 132) }
```

Border

The CSS property to change the border of an element to YUV 82.0390, 24.6308, 33.2918 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(120, 53, 132) }
```


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

```
.border{ border-color:rgb(120, 53, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 53, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 53, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 53, 132); box-shadow:4px 4px 4px 4px rgb(120, 53, 132) }
```

Background

The CSS property to change the background color of an element to YUV 82.0390, 24.6308, 33.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 53, 132) }
```

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

```
.background{ background-color: rgb(120, 53,  
132) }
```

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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