

Converting Colors

YUV(78.8350, 30.6473, 16.8077)

Have a look what the booklet for
YUV(78.8350, 30.6473, 16.8077)
contains.

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Color

**YUV(78.8350, 30.6473,
16.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	62398D
RGB	98, 57, 141
RGB Percent	38%, 22%, 55%
CMY	0.6157, 0.7765, 0.4471
CMYK	0.30, 0.60, 0.00, 0.45
HSL	269°, 42%, 39%
HSV	269°, 60%, 55%
XYZ	11.3078, 7.4460, 26.0405
YIQ	78.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

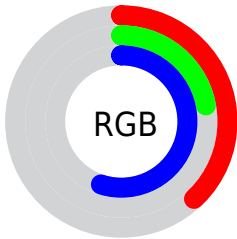
Format	Color
R_{YB}	98, 57, 141
Decimal	6437261
CIE Lab	32.80, 35.56, -40.00
CIE LCh	33, 53.526, 311.637
Yxy	7.4460, 0.2524, 0.1662
Android (android.graphics.Color)	4284627341 (0xFF62398D)
YUV	78.8350, 30.6473, 16.8077
Hunter-Lab	27.2874, 26.2172, -37.4797

Details

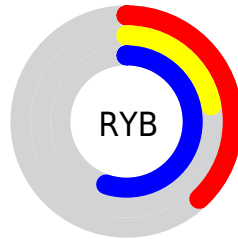
The YUV color **78.8350, 30.6473, 16.8077** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.1650, -30.6473, -16.8077**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6010, 32.2417, 18.7669**, and **29.5960, 29.7792, 15.2633** is the 20% darker color. If you saturate the color by 10%, you get **68.5240, 35.7307, 19.7115**, and if you desaturate by 10%, it is **89.1460, 25.5640, 13.9040**.

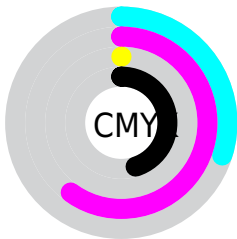
Distribution



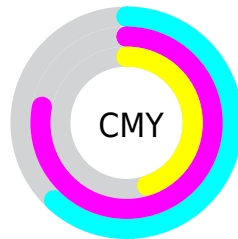
- Red (38%)
- Green (22%)
- Blue (55%)



- Red (38%)
- Yellow (22%)
- Blue (55%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8350, 30.6473, 16.8077 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 78.8350, 30.6473, 16.8077 by changing the saturation by 10% instead.

■ 78.8350, 30.6473,
16.8077

■ 78.8350, 30.6473,
16.8077

■ 255.0000, 0.0000,
0.0000

■ 54.5960, 29.7792,
15.2633

■ 129.6010, 32.2417,
18.7669

■ 29.5960, 29.7792,
15.2633

■ 156.4270, 32.8205,
19.7965

■ 14.4010, 25.4383,
7.5413

■ 183.3670, 33.8361,
20.7261

■ 4.9020, 18.7823,
-4.2991

■ 208.2290, 23.0581,
24.3552

■ 2.9810, 8.8834,
-2.6143

■ 230.3460, 12.1544,
21.6216

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.7621,

6.6924

■ 78.8350, 30.6473,
16.8077

■ 78.8350, 30.6473,
16.8077

■ 68.5240, 35.7307,
19.7115

■ 89.1460, 25.5640,
13.9040

■ 58.2130, 40.8140,
22.6152

■ 99.4570, 20.4807,
11.0002

■ 47.6030, 46.0447,
24.9042

■ 110.0670, 15.2500,
8.7112

■ 37.2920, 51.1280,
27.8079

■ 120.3780, 10.1666,
5.8075

■ 36.7050, 51.4174,
28.3227

■ 131.2760, 4.7939,
2.3889

■ 141.5870, -0.2894,
-0.5148

■ 152.1970, -5.5201,
-2.8038

■ 162.5080,
-10.6034, -5.7075

■ 172.8190,
-15.6868, -8.6113

Harmonies

Analogous

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



63.5530, 48.0414, -55.7360



78.8350, 30.6473, 16.8077



72.0160, 16.2611, 57.8680

Triad

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



78.8350, 30.6473, 16.8077



72.5400, -35.7622, 37.2374



66.3670, 13.1301, -58.2039

Complementary

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



78.8350, 30.6473, 16.8077



119.1650, -30.6473, -16.8077

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.



60.7640, -5.7997, -53.2900



78.8350, 30.6473, 16.8077



70.8800, -34.9438, 7.9982

Square

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



78.8350, 30.6473, 16.8077



70.4950, -23.9080, 61.8329



60.6150, -29.8832, -28.6034



70.3400, 30.8914, -61.6882

Rectangle

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



78.8350, 30.6473, 16.8077



65.6560, 5.5926, 73.0927



60.6150, -29.8832, -28.6034



64.6570, 6.5781, -56.7042

Sweetspot

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



78.8350, 30.6473, 16.8077



159.5460, 12.0558, 6.5372



91.8170, 24.2472, -30.5345



76.9710, 7.4093, 3.5334



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



78.8350, 30.6473, 16.8077



87.0700, 47.7865, 26.2486



91.3930, 24.4563, 42.6283



65.9940, 2.4680, 1.7593



35.1240, 49.2389, 27.0783



2.1080, 2.9048, 1.6593

Inverse Universe

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



87.0180, 6.4001, 47.3422



99.8070, 9.9551, 73.8373



106.6070, -24.4563, -42.6283



66.5490, 0.7153, 3.9035



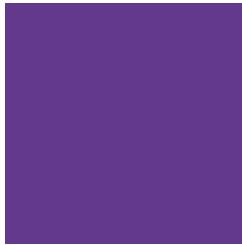
48.2310, 10.2391, 76.0964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 78.8350, 30.6473, 16.8077 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 78.8350, 30.6473, 16.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

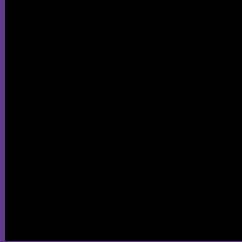
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8350, 30.6473, 16.8077

Background



This preview shows how black text looks on a background with the YUV color 78.8350, 30.6473, 16.8077.



This preview shows how white text looks on a background with the YUV color 78.8350, 30.6473,

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

78.8350, 30.6473, 16.8077

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

69.7650, 33.1469, -38.3819



Tritanopia

78.5710, 0.7045, 7.3922

Trichromacy



Original Color

78.8350, 30.6473, 16.8077

Protanomaly

68.0080, 41.4081, -28.0710

Deuteranomaly

72.9570, 32.0662, -18.3793

Tritanomaly

78.7530, 11.4608, 10.7406

Monochromacy



Original Color

78.8350, 30.6473, 16.8077

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8350, 30.6473, 16.8077 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(98, 57, 141)` looks like.

```
.text, #text, p{  
    color:rgb(98, 57, 141)  
}
```

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(98, 57, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 57, 141) }
```

Border

The CSS property to change the border of an element to YUV 78.8350, 30.6473, 16.8077 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(98, 57, 141) }
```


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

```
.border{ border-color:rgb(98, 57, 141) }
```

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

Here you see how a box with a 4 pixel rgb(98, 57, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 57, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 57, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 57,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 78.8350, 30.6473, 16.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 57, 141) }
```

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

```
.background{ background-color: rgb(98, 57,  
141) }
```

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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