

Converting Colors

YUV(98.5030, 48.0660, 76.7349)

Have a look what the booklet for
YUV(98.5030, 48.0660, 76.7349)
contains.

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Color

**YUV(98.5030, 48.0660,
76.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	BA23C4
RGB	186, 35, 196
RGB Percent	73%, 14%, 77%
CMY	0.2706, 0.8627, 0.2314
CMYK	0.05, 0.82, 0.00, 0.23
HSL	296°, 70%, 45%
HSV	296°, 82%, 77%
XYZ	30.8145, 15.6267, 53.6167
YIQ	98.5030, 38.3150, 82.0830

Conversions

Conversions Part 2

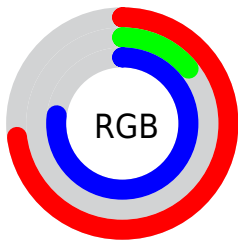
Format	Color
R_{YB}	186, 35, 196
Decimal	12198852
CIE _{Lab}	46.48, 74.17, -50.21
CIE _{LCh}	46, 89.568, 325.905
Yxy	15.6267, 0.3080, 0.1562
Android (android.graphics.Color)	4290388932 (0xFFBA23C4)
YUV	98.5030, 48.0660, 76.7349
Hunter-Lab	39.5306, 69.9641, -52.7456

Details

The YUV color **98.5030, 48.0660, 76.7349** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **132.4970, -48.0660, -76.7349**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6830, 45.0193, 73.9460**, and **54.3460, 42.7204, 64.5946** is the 20% darker color. If you saturate the color by 10%, you get **86.4640, 54.0012, 86.4161**, and if you desaturate by 10%, it is **110.5420, 42.1308, 67.0537**.

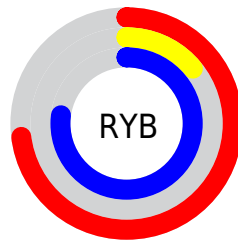
Distribution



Red (73%)

Green (14%)

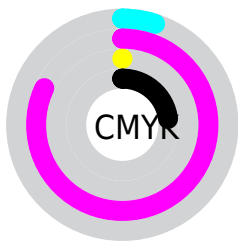
Blue (77%)



Red (73%)

Yellow (14%)

Blue (77%)

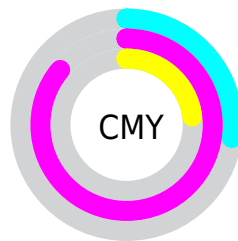


Cyan (5%)

Magenta (82%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (86%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5030, 48.0660, 76.7349 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 98.5030, 48.0660, 76.7349 by changing the saturation by 10% instead.

■ 98.5030, 48.0660,
76.7349

■ 98.5030, 48.0660,
76.7349

■ 255.0000, 0.0000,
0.0000

■ 66.0950, 50.2392,
79.7237

■ 161.6830, 45.0193,
73.9460

■ 54.3460, 42.7204,
64.5946

■ 181.6250, 36.1739,
64.3499

■ 43.0100, 35.4911,
49.9802

■ 198.6480, 27.7815,
49.4207

■ 31.7880, 28.6985,
35.2659

■ 215.6710, 19.3892,
34.4915

■ 20.9790, 22.1954,
21.0664

■ 233.2810, 10.7075,
19.0476

■ 6.2830, 17.6085,
-1.1252

■ 250.8910, 2.0257,

■ 2.8670, 8.4466,

3.6036

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 98.5030, 48.0660,
76.7349

■ 98.5030, 48.0660,
76.7349

■ 86.4640, 54.0012,
86.4161

■ 110.5420, 42.1308,
67.0537

■ 77.3600, 58.4895,
93.5233

■ 121.9940, 36.4850,
57.8873

■ 134.3320, 30.4023,
48.8208

■ 145.7840, 24.7565,
39.6544

■ 157.8230, 18.8213,
29.9732

■ 169.8620, 12.8860,
20.2920

■ 181.6130, 7.0928,
11.7404

■ 193.6520, 1.1576,
2.0592

■ 205.1040, -4.4883,
-7.1072

Harmonies

Analogous

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



98.3890, 73.7582, -44.1912



98.5030, 48.0660, 76.7349



83.2050, 20.1119, 129.6162

Triad

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



98.5030, 48.0660, 76.7349



103.8050, -51.1759, 34.3740



102.1300, 35.9249, -89.5680

Complementary

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



98.5030, 48.0660, 76.7349



132.4970, -48.0660, -76.7349

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.



92.0640, 2.4334, -80.7401



98.5030, 48.0660, 76.7349



93.4190, -46.0556, -21.4155

Square

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



98.5030, 48.0660, 76.7349



97.3570, -47.9970, 88.2639



78.6580, -38.7784, -68.9831



107.3230, 63.4378, -94.1223

Rectangle

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



98.5030, 48.0660, 76.7349



78.8150, -1.8808, 136.9742



78.6580, -38.7784, -68.9831



99.2800, 25.0050, -87.0686

Sweetspot

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



98.5030, 48.0660, 76.7349



216.2360, 19.1107, 30.4880



59.8110, 67.1412, -21.7592



104.2100, 11.7285, 18.2328



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



98.5030, 48.0660, 76.7349



102.2920, 75.2850, 119.8929



93.5130, 16.0161, 89.8811



90.8310, 3.0413, 4.5332



63.5030, 48.0660, 76.7349



13.0310, 9.8447, 15.7588

Inverse Universe

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



84.2790, -19.3645, 97.9793



80.0580, -30.5946, 153.4241



137.4870, -16.0161, -89.8811



90.1040, -1.0373, 6.0478



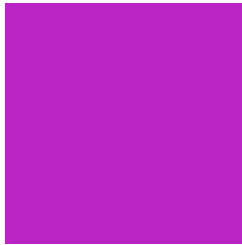
49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 98.5030, 48.0660, 76.7349 looks on a white background.

Color Contrast Check

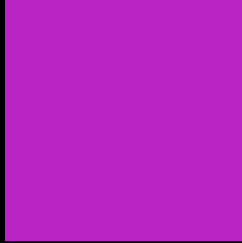
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.5030, 48.0660, 76.7349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

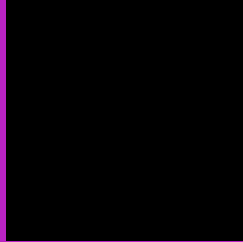
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5030, 48.0660, 76.7349

Background



This preview shows how black text looks on a background with the YUV color 98.5030, 48.0660, 76.7349.



This preview shows how white text looks on a background with the YUV color 98.5030, 48.0660,

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

98.5030, 48.0660, 76.7349

Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

105.0730, 39.4040, -38.6520



Tritanopia

109.8930, -10.7932, 55.3448

Trichromacy



Original Color

98.5030, 48.0660, 76.7349



Protanomaly

92.5030, 60.8840, -21.4891



Deuteranomaly

102.5480, 42.6208, 3.0274



Tritanomaly

105.8550, 10.4245, 63.2712

Monochromacy



Original Color

98.5030, 48.0660, 76.7349



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.0570, 17.2269, 28.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5030, 48.0660, 76.7349 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(186, 35, 196)` looks like.

```
.text, #text, p{  
    color:rgb(186, 35, 196)  
}
```

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(186, 35, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 35, 196) }
```

Border

The CSS property to change the border of an element to YUV 98.5030, 48.0660, 76.7349 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(186, 35, 196) }
```


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

```
.border{ border-color:rgb(186, 35, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 35, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 35, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 35, 196);  
box-shadow:4px 4px 4px 4px rgb(186, 35,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 98.5030, 48.0660, 76.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 35, 196) }
```

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

```
.background{ background-color: rgb(186, 35,  
196) }
```

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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