

Converting Colors

YUV(90.0630, 48.7759, 82.3827)

Have a look what the booklet for
YUV(90.0630, 48.7759, 82.3827)
contains.

YUV(90.0630, 48.7759, 82.3827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.0630, 48.7759,
82.3827)**

Conversions

Conversions Part 1

Format	Color
Hex	B817BD
RGB	184, 23, 189
RGB Percent	72%, 9%, 74%
CMY	0.2784, 0.9098, 0.2588
CMYK	0.03, 0.88, 0.00, 0.26
HSL	298°, 78%, 42%
HSV	298°, 88%, 74%
XYZ	29.2589, 14.4773, 49.3964
YIQ	90.0630, 42.6700, 85.7580

Conversions

Conversions Part 2

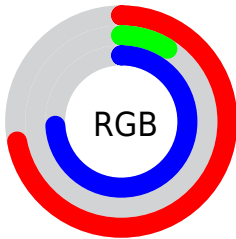
Format	Color
R_{YB}	184, 23, 189
Decimal	12064701
CIE _{Lab}	44.91, 75.06, -48.66
CIE _{LCh}	45, 89.456, 327.047
Yxy	14.4773, 0.3142, 0.1554
Android (android.graphics.Color)	4290254781 (0xFFB817BD)
YUV	90.0630, 48.7759, 82.3827
Hunter-Lab	38.0490, 70.6769, -50.3378

Details

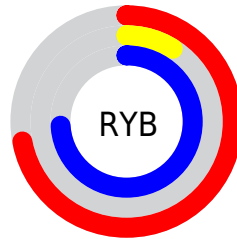
The YUV color **90.0630, 48.7759, 82.3827** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **121.9370, -48.7759, -82.3827**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7650, 43.9929, 76.5051**, and **53.0640, 40.3944, 63.9649** is the 20% darker color. If you saturate the color by 10%, you get **78.6110, 54.4218, 91.5492**, and if you desaturate by 10%, it is **101.5150, 43.1301, 73.2163**.

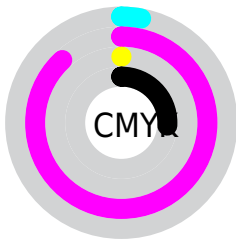
Distribution



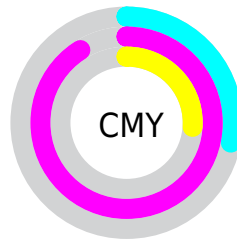
- Red (72%)
- Green (9%)
- Blue (74%)



- Red (72%)
- Yellow (9%)
- Blue (74%)



- Cyan (3%)
- Magenta (88%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (91%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0630, 48.7759, 82.3827 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 90.0630, 48.7759, 82.3827 by changing the saturation by 10% instead.

90.0630, 48.7759,
82.3827

90.0630, 48.7759,
82.3827

255.0000, 0.0000,
0.0000

64.8130, 47.9132,
79.0940

156.7650, 43.9929,
76.5051

53.0640, 40.3944,
63.9649

178.1030, 37.9102,
67.4387

41.7280, 33.1651,
49.3505

195.1260, 29.5179,
52.5095

30.5060, 26.3725,
34.6362

212.7360, 20.8362,
37.0655

19.6970, 19.8694,
20.4367

229.7590, 12.4438,
22.1364

4.2180, 16.1615,
-3.6992

247.3690, 3.7621,

2.0690, 5.3890,

6.6924

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 90.0630, 48.7759,
82.3827

■ 90.0630, 48.7759,
82.3827

■ 78.6110, 54.4218,
91.5492

■ 101.5150, 43.1301,
73.2163

■ 76.2630, 55.5793,
93.6083

■ 112.6680, 37.6317,
63.4352

■ 124.1200, 31.9858,
54.2688

■ 135.2730, 26.4874,
44.4876

■ 146.7250, 20.8416,
35.3212

■ 157.2910, 15.6325,
26.0548

■ 168.7430, 9.9867,
16.8884

■ 180.1950, 4.3409,
7.7220

■ 191.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



96.5640, 71.6999, -37.3286



90.0630, 48.7759, 82.3827



80.9120, 17.7914, 127.2422

Triad

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



90.0630, 48.7759, 82.3827



99.9510, -49.2758, 31.6150



98.9670, 36.4983, -86.7941

Complementary

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



90.0630, 48.7759, 82.3827



121.9370, -48.7759, -82.3827

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.



89.7160, 3.5910, -78.6809



90.0630, 48.7759, 82.3827



89.2660, -44.0081, -24.7893

Square

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



90.0630, 48.7759, 82.3827



94.0900, -46.3864, 84.9901



76.3100, -37.6208, -66.9239



104.0460, 63.5743, -91.2483

Rectangle

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



90.0630, 48.7759, 82.3827



76.3370, -3.6171, 133.8855



76.3100, -37.6208, -66.9239



96.1170, 25.5783, -84.2946

Sweetspot

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



90.0630, 48.7759, 82.3827



206.8340, 18.8158, 31.7176



45.4460, 70.7721, -19.6851



99.3950, 11.1443, 18.9476



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



90.0630, 48.7759, 82.3827



98.7930, 72.0801, 121.2075



82.7800, 14.4055, 93.1549



88.7170, 2.6045, 4.6332



63.7590, 46.4608, 78.2644



12.5040, 9.1185, 15.3440

Inverse Universe

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



73.2040, -22.2856, 101.5531



74.0530, -33.0571, 149.9205



129.2200, -14.4055, -93.1549



87.6910, -1.3267, 5.5330



47.8120, -21.1063, 96.6349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 90.0630, 48.7759, 82.3827 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 90.0630, 48.7759, 82.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

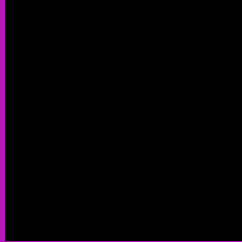
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0630, 48.7759, 82.3827

Background



This preview shows how black text looks on a background with the YUV color 90.0630, 48.7759, 82.3827.



This preview shows how white text looks on a background with the YUV color 90.0630, 48.7759,

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

90.0630, 48.7759, 82.3827

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

101.9270, 37.5040, -35.8930



Tritanopia

105.2740, -11.9671, 58.5187

Trichromacy



Original Color

90.0630, 48.7759, 82.3827



Protanomaly

87.7700, 59.2734, -18.2153



Deuteranomaly

97.6410, 41.5890, 7.3308



Tritanomaly

99.7630, 9.9768, 66.8598

Monochromacy



Original Color

90.0630, 48.7759, 82.3827



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

90.1820, 17.6583, 29.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0630, 48.7759, 82.3827 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(184, 23, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 23, 189)  
}
```

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(184, 23, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 23, 189) }
```

Border

The CSS property to change the border of an element to YUV 90.0630, 48.7759, 82.3827 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(184, 23, 189) }
```


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

```
.border{ border-color:rgb(184, 23, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 23, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 23, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 23, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 23,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 90.0630, 48.7759, 82.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 23, 189) }
```

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

```
.background{ background-color: rgb(184, 23,  
189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor