

Converting Colors

YUV(98.0400, 49.2803,
-79.8421)

Have a look what the booklet for
YUV(98.0400, 49.2803, -79.8421)
contains.

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Color

**YUV(98.0400, 49.2803,
-79.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	077DC6
RGB	7, 125, 198
RGB Percent	3%, 49%, 78%
CMY	0.9725, 0.5098, 0.2235
CMYK	0.96, 0.37, 0.00, 0.22
HSL	203°, 93%, 40%
HSV	203°, 96%, 78%
XYZ	17.6143, 18.7896, 56.1245
YIQ	98.0400, -93.7610, -2.3130

Conversions

Conversions Part 2

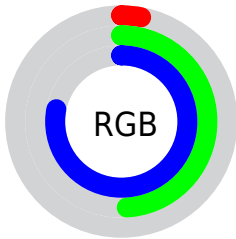
Format	Color
RYB	7, 80, 198
Decimal	490950
CIELab	50.44, -1.31, -45.81
CIELCh	50, 45.826, 268.357
Yxy	18.7896, 0.1904, 0.2031
Android (android.graphics.Color)	4278681030 (0xFF077DC6)
YUV	98.0400, 49.2803, -79.8421
Hunter-Lab	43.3470, -3.3228, -46.4241

Details

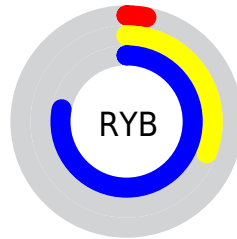
The YUV color **98.0400, 49.2803, -79.8421** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **106.9600, -49.2803, 79.8421**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2710, 45.7154, -56.3657**, and **61.6150, 40.6158, -54.0364** is the 20% darker color. If you saturate the color by 10%, you get **94.1860, 51.1803, -82.6011**, and if you desaturate by 10%, it is **108.7160, 44.0170, -71.6649**.

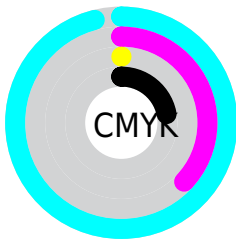
Distribution



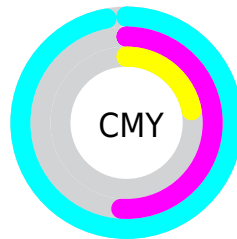
- Red (3%)
- Green (49%)
- Blue (78%)



- Red (3%)
- Yellow (31%)
- Blue (78%)



- Cyan (96%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0400, 49.2803, -79.8421 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 98.0400, 49.2803, -79.8421 by changing the saturation by 10% instead.

■ 98.0400, 49.2803,
-79.8421

■ 98.0400, 49.2803,
-79.8421

■ 255.0000, 0.0000,
0.0000

■ 78.0800, 45.3166,
-68.4762

■ 162.2710, 45.7154,
-56.3657

■ 61.6150, 40.6158,
-54.0364

■ 188.2750, 32.8954,
-51.1072

■ 45.7370, 35.6257,
-40.1113

■ 213.6810, 20.3703,
-47.0782

■ 30.4460, 30.3461,
-26.7011

■ 235.8640, 9.4340,
-39.3457

■ 13.6220, 26.8084,
-11.9465

■ 244.8340, 5.0118,
-20.9024

■ 6.8910, 18.7877,
-6.0434

■ 254.1030, 0.4422,

■ 3.3230, 10.1938,

-1.8443

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 98.0400, 49.2803,
-79.8421

■ 98.0400, 49.2803,
-79.8421

■ 94.1860, 51.1803,
-82.6011

■ 108.7160, 44.0170,
-71.6649

■ 118.8050, 39.0431,
-62.9730

■ 129.1820, 33.9273,
-55.4106

■ 139.2710, 28.9534,
-46.7187

■ 149.9470, 23.6901,
-38.5415

■ 160.0360, 18.7163,
-29.8496

■ 170.7120, 13.4530,
-21.6724

■ 181.0890, 8.3371,
-14.1101

■ 191.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



99.8620, 42.4660, -87.5790



98.0400, 49.2803, -79.8421



121.9850, 33.0384, -3.4948

Triad

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



98.0400, 49.2803, -79.8421



118.7430, -16.6353, 62.4924



104.1580, -13.3889, -45.7426

Complementary

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



98.0400, 49.2803, -79.8421



106.9600, -49.2803, 79.8421

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.



112.4760, -32.2797, -6.5565



98.0400, 49.2803, -79.8421



118.3440, -31.7216, 47.9333

Square

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



98.0400, 49.2803, -79.8421



120.5420, 1.7048, 60.0377



115.6540, -38.7764, 23.9824



94.9310, 10.8800, -83.2545

Rectangle

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



98.0400, 49.2803, -79.8421



124.0550, 23.6369, 25.3848



115.6540, -38.7764, 23.9824



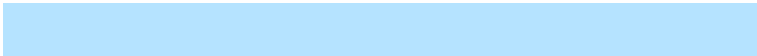
108.0090, -20.7104, -30.7029

Sweetspot

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



98.0400, 49.2803, -79.8421



216.4380, 19.0111, -31.0791



127.0970, -24.6978, -105.3251



103.9790, 11.8424, -18.3986



0.0000, 0.0000, 0.0000



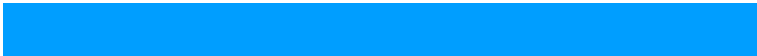
128.0000, 0.0000, 0.0000

Same Dimension

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



98.0400, 49.2803, -79.8421



121.8160, 65.6597, -106.8326



43.4490, 76.1936, -31.9658



94.5480, 2.1948, -3.9886



77.8690, 41.9696, -68.2911



17.0180, 9.3581, -14.9248

Inverse Universe

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



77.5610, 23.3874, 105.6250



94.2570, 31.4253, 140.9716



161.5510, -76.1936, 31.9658



93.3750, 1.2941, 4.9331



60.2510, 20.0893, 90.1109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 98.0400, 49.2803, -79.8421 looks on a white 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

Black Background



This preview shows how the YUV color 98.0400, 49.2803, -79.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

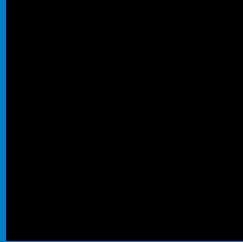
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 98.0400, 49.2803, -79.8421 Background



This preview shows how black text looks on a background with the YUV color 98.0400, 49.2803, -79.8421.



This preview shows how white text looks on a background with the YUV color 98.0400, 49.2803, -79.8421.

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

98.0400, 49.2803, -79.8421

Protanopia

117.6620, 36.1556, -23.3826

Deuteranopia

112.8600, 42.4670, -41.0962



Tritanopia

94.2590, 23.5363, -82.6651

Trichromacy



Original Color

98.0400, 49.2803, -79.8421

Protanomaly

110.4960, 41.1675, -44.2850

Deuteranomaly

107.7550, 44.9838, -55.0361

Tritanomaly

95.6750, 32.6982, -81.2760

Monochromacy



Original Color

98.0400, 49.2803, -79.8421

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0400, 49.2803, -79.8421 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(7, 125, 198)` looks like.

```
.text, #text, p{  
    color:rgb(7, 125, 198)  
}
```

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(7, 125, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 125, 198) }
```

Border

The CSS property to change the border of an element to YUV 98.0400, 49.2803, -79.8421 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(7, 125, 198) }
```


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

```
.border{ border-color:rgb(7, 125, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 125, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 125, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 125, 198);  
box-shadow:4px 4px 4px 4px rgb(7, 125,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 98.0400, 49.2803, -79.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 125, 198) }
```

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

```
.background{ background-color: rgb(7, 125,  
198) }
```

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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