

Converting Colors

YUV(93.5130, 48.5541,
-80.2569)

Have a look what the booklet for
YUV(93.5130, 48.5541, -80.2569)
contains.

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Color

**YUV(93.5130, 48.5541,
-80.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	0279C0
RGB	2, 121, 192
RGB Percent	1%, 47%, 75%
CMY	0.9922, 0.5255, 0.2471
CMYK	0.99, 0.37, 0.00, 0.25
HSL	202°, 98%, 38%
HSV	202°, 99%, 75%
XYZ	16.3768, 17.4934, 52.3826
YIQ	93.5130, -93.7150, -3.1470

Conversions

Conversions Part 2

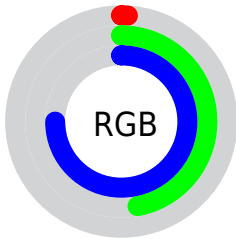
Format	Color
R_{YB}	2, 75, 192
Decimal	162240
CIE _{Lab}	48.88, -1.41, -44.86
CIE _{LCh}	49, 44.880, 268.200
Yxy	17.4934, 0.1899, 0.2028
Android (android.graphics.Color)	4278352320 (0xFF0279C0)
YUV	93.5130, 48.5541, -80.2569
Hunter-Lab	41.8251, -3.3015, -44.9783

Details

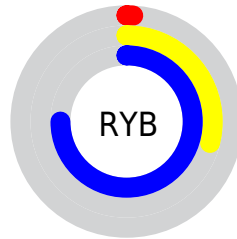
The YUV color **93.5130, 48.5541, -80.2569** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **100.4870, -48.5541, 80.2569**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6410, 44.5470, -54.9362**, and **58.5830, 39.1526, -51.3773** is the 20% darker color. If you saturate the color by 10%, you get **92.3280, 49.1383, -80.9717**, and if you desaturate by 10%, it is **103.3030, 43.7276, -72.1797**.

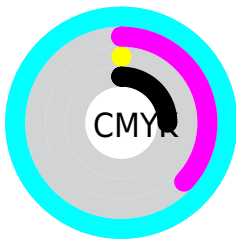
Distribution



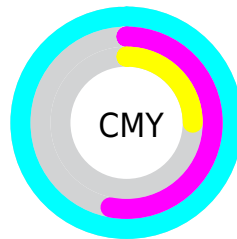
- Red (1%)
- Green (47%)
- Blue (75%)



- Red (1%)
- Yellow (29%)
- Blue (75%)



- Cyan (99%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)



- Cyan (99%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5130, 48.5541, -80.2569 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 93.5130, 48.5541, -80.2569 by changing the saturation by 10% instead.

■ 93.5130, 48.5541,
-80.2569

■ 93.5130, 48.5541,
-80.2569

■ 255.0000, 0.0000,
0.0000

■ 75.1620, 44.2901,
-65.9171

■ 158.6410, 44.5470,
-54.9362

■ 58.5830, 39.1526,
-51.3773

■ 184.4430, 34.7846,
-50.3775

■ 42.7050, 34.1624,
-37.4523

■ 209.8490, 22.2594,
-46.3486

■ 28.1150, 29.0303,
-24.6569

■ 234.9670, 9.8763,
-41.1901

■ 11.2910, 25.4925,
-9.9022

■ 243.9370, 5.4541,
-22.7467

■ 6.4350, 17.0405,
-5.6435

■ 252.9070, 1.0318,

■ 2.6390, 7.5730,

-4.3034

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 93.5130, 48.5541,
-80.2569

■ 93.5130, 48.5541,
-80.2569

■ 92.3280, 49.1383,
-80.9717

■ 103.3030, 43.7276,
-72.1797

■ 113.0930, 38.9012,
-64.1026

■ 123.7690, 33.6379,
-55.9254

■ 133.5590, 28.8114,
-47.8482

■ 143.3490, 23.9849,
-39.7711

■ 153.1390, 19.1585,
-31.6939

■ 162.9290, 14.3320,
-23.6167

■ 173.0180, 9.3581,
-14.9248

■ 183.3950, 4.2423,
-7.3624

Harmonies

Analogous

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



96.8300, 41.0028, -84.9199



93.5130, 48.5541, -80.2569



117.4580, 32.3122, -3.9097

Triad

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



93.5130, 48.5541, -80.2569



114.8460, -16.1931, 60.6481



100.2830, -12.9575, -44.0982

Complementary

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



93.5130, 48.5541, -80.2569



100.4870, -48.5541, 80.2569

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.



108.1170, -31.1167, -6.2416



93.5130, 48.5541, -80.2569



114.2730, -30.7006, 47.1186

Square

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



93.5130, 48.5541, -80.2569



116.5310, 1.7102, 58.2933



111.8820, -37.9028, 23.7825



92.1270, 10.2904, -80.7954

Rectangle

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



93.5130, 48.5541, -80.2569



119.6420, 23.3475, 24.8700



111.8820, -37.9028, 23.7825



103.8350, -20.1317, -29.6733

Sweetspot

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



93.5130, 48.5541, -80.2569



211.1390, 19.1585, -31.6939



121.5100, -24.4084, -104.8103



101.5660, 11.5530, -18.9134



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



93.5130, 48.5541, -80.2569



120.6590, 63.7651, -105.8179



38.3350, 75.7568, -31.8658



91.6620, 2.6316, -4.0886



77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Inverse Universe

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



72.3760, 23.9716, 104.9102



92.6480, 31.7255, 137.9977



155.6650, -75.7568, 31.8658



90.6740, 1.1467, 5.5479



59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 93.5130, 48.5541, -80.2569 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 93.5130, 48.5541, -80.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

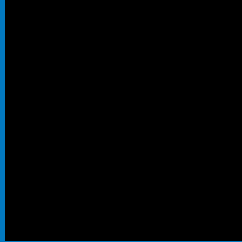
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.5130, 48.5541, -80.2569

Background



This preview shows how black text looks on a background with the YUV color 93.5130, 48.5541, -80.2569.



This preview shows how white text looks on a background with the YUV color 93.5130, 48.5541,

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

93.5130, 48.5541, -80.2569

Protanopia

113.7330, 35.1346, -22.5678

Deuteranopia

109.8170, 41.0092, -40.1815



Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Original Color

93.5130, 48.5541, -80.2569

Protanomaly

106.5670, 40.1465, -43.4703

Deuteranomaly

103.5270, 44.1102, -54.8362

Tritanomaly

92.2730, 32.4034, -80.0464

Monochromacy



Original Color

93.5130, 48.5541, -80.2569

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5130, 48.5541, -80.2569 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(2, 121, 192)` looks like.

```
.text, #text, p{  
    color:rgb(2, 121, 192)  
}
```

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(2, 121, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 121, 192) }
```

Border

The CSS property to change the border of an element to YUV 93.5130, 48.5541, -80.2569 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(2, 121, 192) }
```


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

```
.border{ border-color:rgb(2, 121, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 121, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 121, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 121, 192);  
box-shadow:4px 4px 4px 4px rgb(2, 121,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 93.5130, 48.5541, -80.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 121, 192) }
```

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

```
.background{ background-color: rgb(2, 121,  
192) }
```

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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