

Converting Colors

YUV(90.4980, 44.6175,
-77.6127)

Have a look what the booklet for
YUV(90.4980, 44.6175, -77.6127)
contains.

YUV(90.4980, 44.6175, -77.6127)	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(90.4980, 44.6175,
-77.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	0276B5
RGB	2, 118, 181
RGB Percent	1%, 46%, 71%
CMY	0.9922, 0.5373, 0.2902
CMYK	0.99, 0.35, 0.00, 0.29
HSL	201°, 98%, 36%
HSV	201°, 99%, 71%
XYZ	14.8440, 16.3060, 46.0811
YIQ	90.4980, -89.3590, -4.9990

Conversions

Conversions Part 2

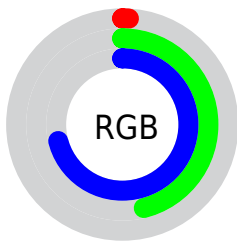
Format	Color
R_{YB}	2, 72, 181
Decimal	161461
CIE _{Lab}	47.37, -3.90, -40.89
CIE _{LCh}	47, 41.080, 264.552
Yxy	16.3060, 0.1922, 0.2111
Android (android.graphics.Color)	4278351541 (0xFF0276B5)
YUV	90.4980, 44.6175, -77.6127
Hunter-Lab	40.3806, -5.0494, -39.3933

Details

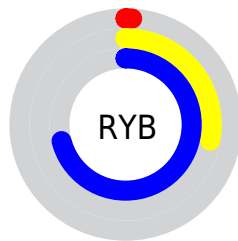
The YUV color **90.4980, 44.6175, -77.6127** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92.5020, -44.6175, 77.6127**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6150, 40.6158, -54.0364**, and **55.6820, 35.6528, -48.8331** is the 20% darker color. If you saturate the color by 10%, you get **89.3130, 45.2017, -78.3275**, and if you desaturate by 10%, it is **99.4020, 40.2278, -69.6356**.

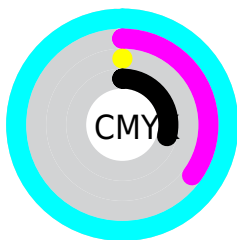
Distribution



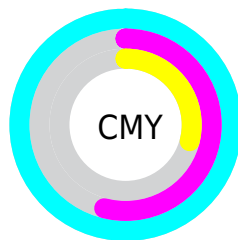
- Red (1%)
- Green (46%)
- Blue (71%)



- Red (1%)
- Yellow (28%)
- Blue (71%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)



- Cyan (99%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4980, 44.6175, -77.6127 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 90.4980, 44.6175, -77.6127 by changing the saturation by 10% instead.

■ 90.4980, 44.6175,
-77.6127

■ 90.4980, 44.6175,
-77.6127

■ 255.0000, 0.0000,
0.0000

■ 72.7340, 40.0641,
-63.7877

■ 154.6150, 40.6158,
-54.0364

■ 55.6820, 35.6528,
-48.8331

■ 181.7850, 36.0950,
-50.6774

■ 39.8040, 30.6626,
-34.9081

■ 207.1910, 23.5698,
-46.6485

■ 25.3280, 25.9673,
-22.2127

■ 232.2980, 11.1921,
-43.2343

■ 9.2050, 22.5769,
-8.0728

■ 242.4420, 6.1911,
-25.8206

■ 4.8220, 13.3988,
-4.2289

■ 251.7110, 1.6215,

■ 0.5700, 2.1840,

-6.7625

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 90.4980, 44.6175,
-77.6127

■ 90.4980, 44.6175,
-77.6127

■ 89.3130, 45.2017,
-78.3275

■ 99.4020, 40.2278,
-69.6356

■ 108.8930, 35.5488,
-62.1732

■ 117.7970, 31.1591,
-54.1960

■ 126.7010, 26.7694,
-46.2188

■ 136.4910, 21.9429,
-38.1416

■ 145.3950, 17.5533,
-30.1644

■ 154.8860, 12.8742,
-22.7020

■ 163.7900, 8.4845,
-14.7248

■ 172.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



93.1140, 36.9188, -81.6610



90.4980, 44.6175, -77.6127



113.2680, 30.4339, -8.1280

Triad

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



90.4980, 44.6175, -77.6127



111.7360, -12.6878, 56.3595



100.2950, -14.4424, -34.4617

Complementary

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



90.4980, 44.6175, -77.6127



92.5020, -44.6175, 77.6127

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.



106.1930, -29.6751, -1.9233



90.4980, 44.6175, -77.6127



111.0000, -26.6220, 45.6040

Square

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



90.4980, 44.6175, -77.6127



113.8290, 3.0423, 51.0160



109.0330, -33.5403, 24.5271



87.6930, 8.5324, -76.9068

Rectangle

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



90.4980, 44.6175, -77.6127



115.4840, 22.9324, 17.9925



109.0330, -33.5403, 24.5271



102.7650, -20.5901, -22.5959

Sweetspot

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



90.4980, 44.6175, -77.6127



199.0960, 17.7007, -30.7792



114.2550, -24.2827, -98.4476



95.6370, 10.5320, -18.0986



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



90.4980, 44.6175, -77.6127



116.0140, 58.6601, -101.7443



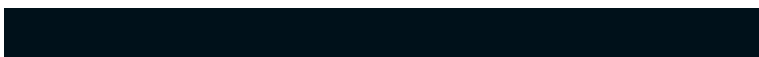
38.2550, 70.3733, -31.7956



84.5480, 2.1948, -3.9886



75.5550, 38.1804, -66.2617



12.9430, 6.4371, -11.3510

Inverse Universe

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



68.7450, 24.2827, 98.4476



87.5930, 31.7527, 129.2759



144.7450, -70.3733, 31.7956



83.3750, 1.2941, 4.9331



57.0330, 20.6897, 84.1631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 90.4980, 44.6175, -77.6127 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 90.4980, 44.6175, -77.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

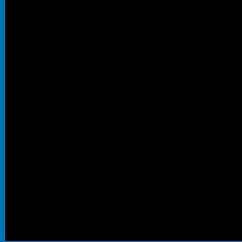
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.4980, 44.6175, -77.6127

Background



This preview shows how black text looks on a background with the YUV color 90.4980, 44.6175, -77.6127.



This preview shows how white text looks on a background with the YUV color 90.4980, 44.6175,

-77.6127.

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

90.4980, 44.6175, -77.6127

Protanopia

111.0170, 31.0506, -19.3089

Deuteranopia

107.1230, 36.9144, -33.4339



Tritanopia

88.5370, 21.9203, -77.6469

Trichromacy



Original Color

90.4980, 44.6175, -77.6127

Protanomaly

103.5520, 36.2099, -40.8261

Deuteranomaly

101.1210, 39.8733, -49.2181

Tritanomaly

89.0130, 30.0666, -77.1874

Monochromacy



Original Color

90.4980, 44.6175, -77.6127

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0640, 16.2374, -28.1201

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4980, 44.6175, -77.6127 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, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(2, 118, 181)  
}
```

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, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 118, 181) }
```

Border

The CSS property to change the border of an element to YUV 90.4980, 44.6175, -77.6127 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, 118, 181) }
```


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

```
.border{ border-color:rgb(2, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(2, 118,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 90.4980, 44.6175, -77.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 118, 181) }
```

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

```
.background{ background-color: rgb(2, 118,  
181) }
```

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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