

Converting Colors

YIQ(76.7620, -72.4870, -2.3990)

Have a look what the booklet for
YIQ(76.7620, -72.4870, -2.3990)
contains.

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Color

**YIQ(76.7620, -72.4870,
-2.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	066299
RGB	6, 98, 153
RGB Percent	2%, 38%, 60%
CMY	0.9766, 0.6155, 0.4003
CMYK	0.96, 0.36, 0.00, 0.40
HSL	202°, 93%, 31%
HSV	202°, 96%, 60%
XYZ	10.1886, 11.0782, 31.7018
YIQ	76.7620, -72.4870, -2.3990

Conversions

Conversions Part 2

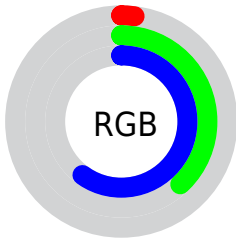
Format	Color
R _Y B	6, 63, 153
Decimal	418457
CIE Lab	39.71, -2.62, -36.50
CIE LCh	40, 36.597, 265.895
Yxy	11.0782, 0.1924, 0.2091
Android (android.graphics.Color)	4278608537 (0xFF066299)
YUV	76.7620, 37.5853, -62.0583
Hunter-Lab	33.2839, -3.6056, -33.1731

Details

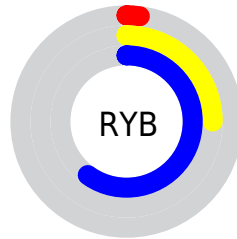
The YIQ color **76.7620, -72.4870, -2.3990** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **82.2380, 72.4870, 2.3990**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.3020, -56.2120, 5.5160**, and **42.0380, -46.7210, 4.2150** is the 20% darker color. If you saturate the color by 10%, you get **73.7940, -75.5130, -2.6250**, and if you desaturate by 10%, it is **84.7690, -65.1970, -2.3570**.

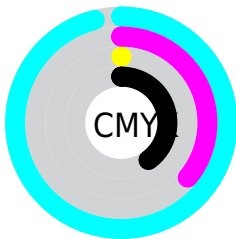
Distribution



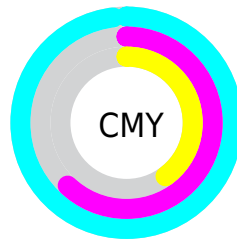
- Red (2%)
- Green (38%)
- Blue (60%)



- Red (2%)
- Yellow (25%)
- Blue (60%)



- Cyan (96%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.7620, -72.4870, -2.3990 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 YIQ color 76.7620, -72.4870, -2.3990 by changing the saturation by 10% instead.

■ 76.7620, -72.4870,
-2.3990

■ 76.7620, -72.4870,
-2.3990

■ 255.0000, -0.0000,
-0.0000

■ 57.9160, -61.1170,
0.7950

■ 136.3020,
-56.2120, 5.5160

■ 42.0380, -46.7210,
4.2150

■ 164.0140,
-55.3410, 6.2510

■ 27.5620, -33.5170,
7.2110

■ 190.7000,
-51.5810, 4.1870

■ 9.0910, -18.7090,
14.1790

■ 215.8070,
-41.9970, -4.3090

■ 4.8220, -10.8220,
8.9060

■ 239.1530,
-31.5880, -11.2360

■ 0.4560, -1.2840,
1.2440

■ 248.1230,

■ 0.0000, 0.0000,

-13.7080, -4.8760

0.0000

■ 76.7620, -72.4870,
-2.3990

■ 76.7620, -72.4870,
-2.3990

■ 73.7940, -75.5130,
-2.6250

■ 84.7690, -65.1970,
-2.3570

■ 92.4880, -57.0360,
-1.5800

■ 100.4950,
-49.7460, -1.5380

■ 108.5020,
-42.4560, -1.4960

■ 116.5090,
-35.1660, -1.4540

■ 124.2280,
-27.0050, -0.6770

■ 132.2350,
-19.7150, -0.6350

■ 140.2420,
-12.4250, -0.5930

■ 147.9610, -4.2640,
0.1840

Harmonies

Analogous

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



77.8230, -74.4570, -10.7530



76.7620, -72.4870, -2.3990



94.1390, -18.6640, 18.8720

Triad

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



76.7620, -72.4870, -2.3990



93.2080, 46.8090, 16.2250



82.4140, -19.8020, -26.6020

Complementary

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



76.7620, -72.4870, -2.3990



82.2380, 72.4870, 2.3990

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.



88.3330, 11.2830, -22.7730



76.7620, -72.4870, -2.3990



92.1670, 44.8860, 1.5100

Square

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



76.7620, -72.4870, -2.3990



94.8560, 36.5370, 26.1770



91.0370, 32.9680, -13.7840



73.4280, -57.9480, -29.1160

Rectangle

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



76.7620, -72.4870, -2.3990



96.4470, 4.0760, 25.2600



91.0370, 32.9680, -13.7840



84.9870, -8.2940, -25.9100

Sweetspot

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



76.7620, -72.4870, -2.3990



168.7440, -28.5180, -0.7900



98.4450, -57.7590, -60.0870



81.2030, -16.6890, -0.4090



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



76.7620, -72.4870, -2.3990



96.0610, -98.2540, -3.4860



34.4980, -52.6870, 35.2570



72.8470, -3.9430, -0.1270



67.6160, -69.1400, -2.4840



6.1780, -6.3730, -0.1410

Inverse Universe

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



60.4410, 58.0800, 59.7760



73.7510, 78.4790, 81.0630



124.5020, 52.6870, -35.2570



71.9620, 3.1630, 3.2510



51.8920, 55.1920, 57.0480



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 76.7620, -72.4870, -2.3990 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 YIQ color 76.7620, -72.4870, -2.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

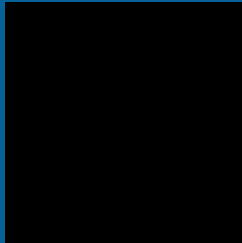
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.7620, -72.4870, -2.3990

Background



This preview shows how black text looks on a background with the YIQ color 76.7620, -72.4870, -2.3990.



This preview shows how white text looks on a background with the YIQ color 76.7620, -72.4870,

-2.3990.

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

76.7620, -72.4870, -2.3990

Protanopia

92.5890, -28.9790, 13.0770

Deuteranopia

89.1790, -42.5040, 10.3920



Tritanopia

73.7020, -64.2310, -19.8710

Trichromacy



Original Color

76.7620, -72.4870, -2.3990

Protanomaly

86.8150, -44.4750, 7.5650

Deuteranomaly

84.3840, -53.5070, 6.0530

Tritanomaly

74.8360, -67.3040, -13.7360

Monochromacy



Original Color

76.7620, -72.4870, -2.3990

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1140, -26.6840, -0.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7620, -72.4870, -2.3990 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(6, 98, 153)` looks like.

```
.text, #text, p{  
    color:rgb(6, 98, 153)  
}
```

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(6, 98, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 98, 153) }
```

Border

The CSS property to change the border of an element to YIQ 76.7620, -72.4870, -2.3990 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(6, 98, 153) }
```


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

```
.border{ border-color:rgb(6, 98, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 98, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 98, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 98, 153);  
box-shadow:4px 4px 4px 4px rgb(6, 98, 153)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.7620, -72.4870, -2.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 98, 153) }
```

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

```
.background{ background-color: rgb(6, 98,  
153) }
```

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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