

Converting Colors

YIQ(77.3980, -20.5910, 26.2650)

Have a look what the booklet for
YIQ(77.3980, -20.5910, 26.2650)
contains.

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Color

**YIQ(77.3980, -20.5910,
26.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4291
RGB	74, 66, 145
RGB Percent	29%, 26%, 57%
CMY	0.7097, 0.7412, 0.4315
CMYK	0.49, 0.54, 0.00, 0.43
HSL	246°, 37%, 41%
HSV	246°, 54%, 57%
XYZ	9.8814, 7.3958, 27.6801
YIQ	77.3980, -20.5910, 26.2650

Conversions

Conversions Part 2

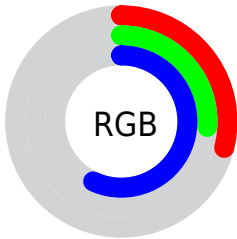
Format	Color
R _Y B	74, 66, 145
Decimal	4866705
CIE Lab	32.69, 25.23, -42.75
CIE LCh	33, 49.636, 300.549
Yxy	7.3958, 0.2198, 0.1645
Android (android.graphics.Color)	4283056785 (0xFF4A4291)
YUV	77.3980, 33.3278, -2.9800
Hunter-Lab	27.1952, 17.2666, -41.3103

Details

The YIQ color $77.3980, -20.5910, 26.2650$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $133.6020, 20.5910, -26.2650$, and the grayscale version is $77.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $127.5770, -19.5370, 29.1910$, and $28.7020, -27.5590, 20.3850$ is the 20% darker color. If you saturate the color by 10%, you get $65.2930, -24.4890, 30.8310$, and if you desaturate by 10%, it is $89.5030, -16.6930, 21.6990$.

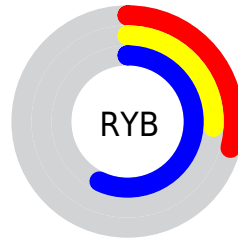
Distribution



Red (29%)

Green (26%)

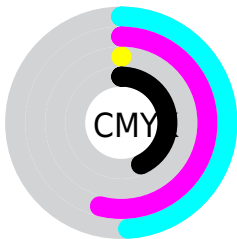
Blue (57%)



Red (29%)

Yellow (26%)

Blue (57%)

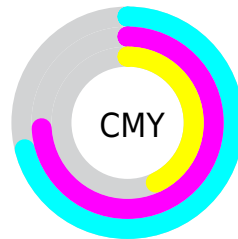


Cyan (49%)

Magenta (54%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (74%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3980, -20.5910, 26.2650 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 77.3980, -20.5910, 26.2650 by changing the saturation by 10% instead.

■ 77.3980, -20.5910,
26.2650

■ 77.3980, -20.5910,
26.2650

■ 255.0000, -0.0000,
-0.0000

■ 53.4470, -22.2870,
23.9610

■ 127.8760,
-18.9410, 29.4030

■ 28.7020, -27.5590,
20.3850

■ 154.5170,
-19.3080, 30.5480

■ 7.9800, -22.4700,
21.7700

■ 181.2290,
-18.4370, 31.2830

■ 7.5920, -15.8660,
12.2140

■ 205.4500, -9.1740,
23.0980

■ 3.4370, -8.3000,
7.2520

■ 230.5570, 0.4100,
14.6020

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.3750,

2.6150

■ 77.3980, -20.5910,
26.2650

■ 77.3980, -20.5910,
26.2650

■ 65.2930, -24.4890,
30.8310

■ 89.5030, -16.6930,
21.6990

■ 52.6010, -28.1120,
35.9200

■ 102.1950,
-13.0700, 16.6100

■ 40.4960, -32.0100,
40.4860

■ 114.3000, -9.1720,
12.0440

■ 27.8040, -35.6330,
45.5750

■ 126.9920, -5.5490,
6.9550

■ 21.0150, -37.6050,
48.2750

■ 139.0970, -1.6510,
2.3890

■ 151.7890, 1.9720,
-2.7000

■ 163.8940, 5.8700,
-7.2660

■ 176.5860, 9.4930,
-12.3550

■ 188.6910, 13.3910,
-16.9210

Harmonies

Analogous

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



65.9180, -72.6260, 5.6300



77.3980, -20.5910, 26.2650



76.4160, 23.6970, 38.6170

Triad

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



77.3980, -20.5910, 26.2650



71.4100, 57.0830, -4.7810



63.8420, -50.2460, -25.5260

Complementary

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



77.3980, -20.5910, 26.2650



133.6020, 20.5910, -26.2650

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.



58.1080, -36.8560, -36.9200



77.3980, -20.5910, 26.2650



71.8320, 34.8030, -19.5090

Square

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



77.3980, -20.5910, 26.2650



70.4980, 60.7920, 21.6240



66.6280, 8.5340, -33.5300



68.4020, -63.0860, -13.0860

Rectangle

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



77.3980, -20.5910, 26.2650



71.6050, 45.1540, 40.7220



66.6280, 8.5340, -33.5300



61.7730, -45.7980, -29.0460

Sweetspot

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



77.3980, -20.5910, 26.2650



163.3170, -7.8420, 9.9660



116.6830, -44.8840, -12.5640



78.6500, -4.5860, 6.0220



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



77.3980, -20.5910, 26.2650



83.9090, -31.7350, 41.0090



89.0590, 2.6530, 34.5330



65.0970, -1.6510, 2.3890



19.5760, -34.9910, 44.9530



1.2110, -1.9720, 2.7000

Inverse Universe

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



97.7150, 24.2930, 38.8290



115.3170, 37.9980, 60.2860



121.9410, -2.6530, -34.5330



66.8910, 1.9250, 3.6610



54.1590, 41.6190, 66.2510



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 77.3980, -20.5910, 26.2650 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 ✓ Pass

Black Background



This preview shows how the YIQ color 77.3980, -20.5910, 26.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

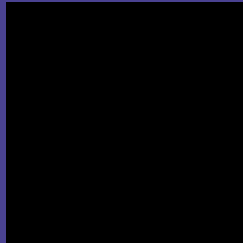
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.3980, -20.5910, 26.2650

Background



This preview shows how black text looks on a background with the YIQ color 77.3980, -20.5910, 26.2650.



This preview shows how white text looks on a background with the YIQ color 77.3980, -20.5910,

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

77.3980, -20.5910, 26.2650

Protanopia

67.8710, -56.0760, 14.0680

Deuteranopia

61.5180, -65.7480, 2.1240



Tritanopia

74.5080, -16.2300, -3.2220

Trichromacy



Original Color

77.3980, -20.5910, 26.2650

Protanomaly

71.4490, -42.9640, 18.7320

Deuteranomaly

67.5850, -49.5190, 10.8730

Tritanomaly

75.7610, -18.0200, 7.1960

Monochromacy



Original Color

77.3980, -20.5910, 26.2650

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2030, -7.5210, 9.6550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3980, -20.5910, 26.2650 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(74, 66, 145)` looks like.

```
.text, #text, p{  
    color:rgb(74, 66, 145)  
}
```

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(74, 66, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 66, 145) }
```

Border

The CSS property to change the border of an element to YIQ 77.3980, -20.5910, 26.2650 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(74, 66, 145) }
```


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

```
.border{ border-color:rgb(74, 66, 145) }
```

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

Here you see how a box with a 4 pixel rgb(74, 66, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 66, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 66, 145);  
box-shadow:4px 4px 4px 4px rgb(74, 66,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3980, -20.5910, 26.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 66, 145) }
```

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

```
.background{ background-color: rgb(74, 66,  
145) }
```

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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