

Converting Colors

YIQ(82.3480, -26.3220, 25.5020)

Have a look what the booklet for
YIQ(82.3480, -26.3220, 25.5020)
contains.

YIQ(82.3480, -26.3220, 25.5020)	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>	30

Color

**YIQ(82.3480, -26.3220,
25.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	49499B
RGB	73, 73, 155
RGB Percent	29%, 29%, 61%
CMY	0.7137, 0.7137, 0.3923
CMYK	0.53, 0.53, 0.00, 0.39
HSL	240°, 36%, 45%
HSV	240°, 53%, 61%
XYZ	11.0440, 8.5472, 32.0592
YIQ	82.3480, -26.3220, 25.5020

Conversions

Conversions Part 2

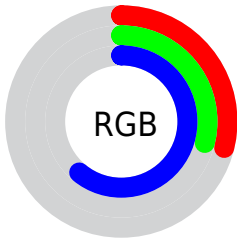
Format	Color
R_{YB}	73, 73, 155
Decimal	4802971
CIE _{Lab}	35.10, 23.74, -44.95
CIE _{LCh}	35, 50.838, 297.837
Yxy	8.5472, 0.2138, 0.1655
Android (android.graphics.Color)	4282993051 (0xFF49499B)
YUV	82.3480, 35.8174, -8.1982
Hunter-Lab	29.2356, 16.2675, -44.5513

Details

The YIQ color $82.3480, -26.3220, 25.5020$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $145.6520, 26.3220, -25.5020$, and the grayscale version is $82.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $133.5270, -25.2680, 28.4280$, and $30.8580, -36.8660, 18.3500$ is the 20% darker color. If you saturate the color by 10%, you get $69.0580, -31.1370, 30.1670$, and if you desaturate by 10%, it is $95.9370, -20.9110, 21.0490$.

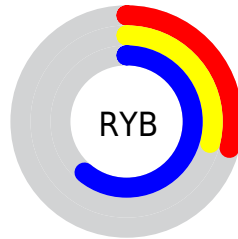
Distribution



Red (29%)

Green (29%)

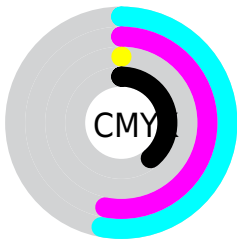
Blue (61%)



Red (29%)

Yellow (29%)

Blue (61%)

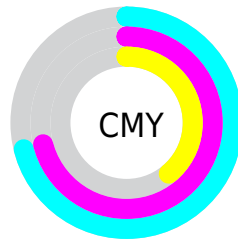


Cyan (53%)

Magenta (53%)

Yellow (0%)

Black (39%)



Cyan (71%)

Magenta (71%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.3480, -26.3220, 25.5020 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 82.3480, -26.3220, 25.5020 by changing the saturation by 10% instead.

■ 82.3480, -26.3220,
25.5020

■ 82.3480, -26.3220,
25.5020

■ 255.0000, -0.0000,
-0.0000

■ 57.5110, -28.3390,
23.5090

■ 133.5270,
-25.2680, 28.4280

■ 30.8580, -36.8660,
18.3500

■ 159.8800,
-24.7640, 30.3080

■ 13.5880, -27.2380,
20.0740

■ 185.9250,
-20.6370, 27.0990

■ 8.0310, -18.4800,
15.5360

■ 210.4450,
-10.7780, 19.1260

■ 4.8220, -10.8220,
8.9060

■ 235.5520, -1.1940,
10.6300

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,

0.0000

■ 82.3480, -26.3220,
25.5020

■ 82.3480, -26.3220,
25.5020

■ 69.0580, -31.1370,
30.1670

■ 95.9370, -20.9110,
21.0490

■ 54.8820, -36.2730,
35.1430

■ 109.8140,
-16.3710, 15.8610

■ 41.5920, -41.0880,
39.8080

■ 123.1040,
-11.5560, 11.1960

■ 27.4160, -46.2240,
44.7840

■ 137.2800, -6.4200,
6.2200

■ 17.6700, -49.7550,
48.2050

■ 150.5700, -1.6050,
1.5550

■ 164.7460, 3.5310,
-3.4210

■ 178.0360, 8.3460,
-8.0860

■ 192.2120, 13.4820,
-13.0620

■ 205.5020, 18.2970,
-17.7270

Harmonies

Analogous

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



70.9390, -77.1190, 4.4570



82.3480, -26.3220, 25.5020



83.1600, 21.5420, 39.1260

Triad

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



82.3480, -26.3220, 25.5020



77.5460, 59.6960, -2.5760



67.5920, -52.5380, -28.0420

Complementary

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



82.3480, -26.3220, 25.5020



145.6520, 26.3220, -25.5020

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.



61.0430, -38.2310, -39.5350



82.3480, -26.3220, 25.5020



77.7570, 39.3880, -20.0040

Square

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



82.3480, -26.3220, 25.5020



75.7480, 63.0840, 24.1400



72.2540, 12.5230, -34.2370



72.2660, -65.6990, -15.2910

Rectangle

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



82.3480, -26.3220, 25.5020



78.6480, 43.5950, 41.4430



72.2540, 12.5230, -34.2370



65.9960, -48.0440, -32.3960

Sweetspot

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



82.3480, -26.3220, 25.5020



172.6480, -10.2720, 9.9520



130.4820, -48.8720, -17.3840



85.1660, -6.0990, 5.9090



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



82.3480, -26.3220, 25.5020



89.3640, -40.4460, 39.1860



94.6070, -1.8860, 34.1940



69.9120, -2.5680, 2.4880



15.9600, -44.9400, 43.5400



1.4820, -4.1730, 4.0430

Inverse Universe

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



106.8660, 22.5500, 42.8860



127.0380, 34.6500, 65.8980



133.3930, 1.8860, -34.1940



72.1900, 2.5210, 3.8730



57.8200, 38.5000, 73.2200



5.3690, 3.5750, 6.7990

Previews

White Background



This preview shows how the YIQ color 82.3480, -26.3220, 25.5020 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 82.3480, -26.3220, 25.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

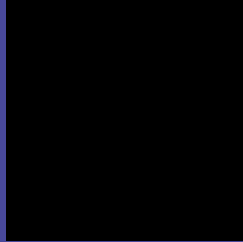
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.3480, -26.3220, 25.5020

Background



This preview shows how black text looks on a background with the YIQ color 82.3480, -26.3220, 25.5020.



This preview shows how white text looks on a background with the YIQ color 82.3480, -26.3220,

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

82.3480, -26.3220, 25.5020

Protanopia

74.6970, -55.5260, 15.1140

Tritanopia

78.3330, -23.1070, -5.2430

Trichromacy



Original Color

82.3480, -26.3220, 25.5020

Protanomaly

77.0790, -44.7980, 18.9300

Tritanomaly

79.9990, -24.6220, 5.6980

Monochromacy



Original Color

82.3480, -26.3220, 25.5020

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.4200, -9.6300, 9.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.3480, -26.3220, 25.5020 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(73, 73, 155)` looks like.

```
.text, #text, p{  
    color:rgb(73, 73, 155)  
}
```

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(73, 73, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 73, 155) }
```

Border

The CSS property to change the border of an element to YIQ 82.3480, -26.3220, 25.5020 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(73, 73, 155) }
```

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

```
.border{ border-color:rgb(73, 73, 155) }
```

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

Here you see how a box with a 4 pixel rgb(73, 73, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 73, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 73, 155);  
box-shadow:4px 4px 4px 4px rgb(73, 73,  
155) }
```


Background

The CSS property to change the background color of an element to YIQ 82.3480, -26.3220, 25.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 73, 155) }
```

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

```
.background{ background-color: rgb(73, 73,  
155) }
```

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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