

Converting Colors

YIQ(76.4100, -41.4830,
-57.6990)

Have a look what the booklet for
YIQ(76.4100, -41.4830, -57.6990)
contains.

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Color

**YIQ(76.4100, -41.4830,
-57.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	017D18
RGB	1, 125, 24
RGB Percent	0%, 49%, 9%
CMY	0.9964, 0.5096, 0.9060
CMYK	0.99, 0.00, 0.81, 0.51
HSL	131°, 99%, 25%
HSV	131°, 99%, 49%
XYZ	7.5162, 14.7521, 3.3142
YIQ	76.4100, -41.4830, -57.6990

Conversions

Conversions Part 2

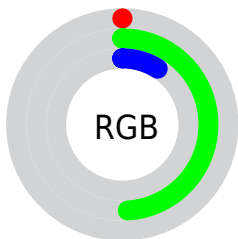
Format	Color
R_{YB}	1, 106, 125
Decimal	97560
CIE Lab	45.29, -49.58, 43.23
CIE LCh	45, 65.780, 138.913
Yxy	14.7521, 0.2938, 0.5766
Android (android.graphics.Color)	4278287640 (0xFF017D18)
YUV	76.4100, -25.8381, -66.1346
Hunter-Lab	38.4084, -32.2839, 21.7698

Details

The YIQ color **76.4100, -41.4830, -57.6990** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.5900, 41.4830, 57.6990**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.6570, -25.9410, -53.0210**, and **43.4380, -20.3500, -38.7020** is the 20% darker color. If you saturate the color by 10%, you get **75.9970, -41.7580, -58.2220**, and if you desaturate by 10%, it is **81.1380, -37.5410, -52.0450**.

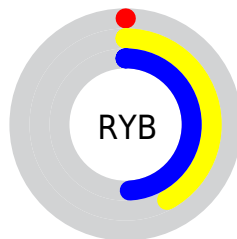
Distribution



Red (0%)

Green (49%)

Blue (9%)



Red (0%)

Yellow (42%)

Blue (49%)

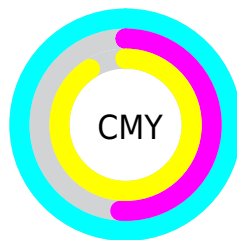


Cyan (99%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4100, -41.4830, -57.6990 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 76.4100, -41.4830, -57.6990 by changing the saturation by 10% instead.

■ 76.4100, -41.4830,
-57.6990

■ 76.4100, -41.4830,
-57.6990

■ 255.0000, -0.0000,
-0.0000

■ 58.1130, -27.2250,
-51.7770

■ 137.6570,
-25.9410, -53.0210

■ 43.4380, -20.3500,
-38.7020

■ 165.7280,
-24.7030, -53.4310

■ 29.9370, -14.0250,
-26.6730

■ 193.5000,
-24.0610, -54.0530

■ 15.8490, -7.4250,
-14.1210

■ 216.9890,
-20.9440, -49.9680

■ 0.0000, 0.0000,
0.0000

■ 228.7380,
-12.3270, -35.4230

■ 240.6010, -4.0310,

-20.5670

252.8770, 4.5400,
-5.1880

76.4100, -41.4830,
-57.6990

76.4100, -41.4830,
-57.6990

75.9970, -41.7580,
-58.2220

81.1380, -37.5410,
-52.0450

86.1650, -33.0030,
-46.1790

91.0070, -29.3820,
-40.2140

96.0340, -24.8440,
-34.3480

100.7620,
-20.9020, -28.6940

■ 105.7890,
-16.3640, -22.8280

■ 110.5170,
-12.4220, -17.1740

■ 115.5440, -7.8840,
-11.3080

■ 120.3860, -4.2630,
-5.3430

Harmonies

Analogous

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



96.5080, 26.1870, -39.5810



76.4100, -41.4830, -57.6990



85.8860, -62.7140, -41.8660

Triad

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



76.4100, -41.4830, -57.6990



95.0640, -102.3360, 4.4160



94.1890, 84.4920, 43.6600

Complementary

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



76.4100, -41.4830, -57.6990



49.5900, 41.4830, 57.6990

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.



97.7680, 61.4730, 58.8570



76.4100, -41.4830, -57.6990



97.1980, -69.8780, 21.9140

Square

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



76.4100, -41.4830, -57.6990



97.3830, -96.4650, -8.3770



109.1070, 11.8660, 49.2900



99.0870, 83.3980, 8.4060

Rectangle

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



76.4100, -41.4830, -57.6990



90.9190, -75.5080, -30.2600



109.1070, 11.8660, 49.2900



92.7190, 80.3640, 52.3960

Sweetspot

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



76.4100, -41.4830, -57.6990



143.7890, -16.3640, -22.8280



103.9870, 26.0960, -43.4400



70.2940, -10.1760, -13.8240



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



76.4100, -41.4830, -57.6990



99.1010, -54.4550, -75.9190



83.4780, -61.3850, -38.4170



61.3370, -2.5670, -3.0390



77.8720, -42.9040, -59.4800



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.5900, 41.4830, 57.6990



63.8990, 54.4550, 75.9190



42.5220, 61.3850, 38.4170



59.7770, 2.2460, 3.3500



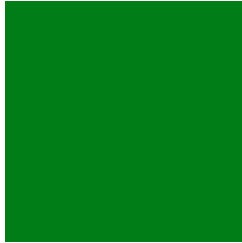
50.1280, 42.9040, 59.4800



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 76.4100, -41.4830, -57.6990 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 76.4100, -41.4830, -57.6990 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 76.4100, -41.4830, -57.6990

Background



This preview shows how black text looks on a background with the YIQ color 76.4100, -41.4830, -57.6990.



This preview shows how white text looks on a background with the YIQ color 76.4100, -41.4830,

-57.6990.

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

76.4100, -41.4830, -57.6990

Protanopia

100.8550, 35.9960, -24.6120

Deuteranopia

103.9300, 40.5790, -14.0530



Tritanopia

98.0040, -41.3540, -10.4580

Trichromacy



Original Color

76.4100, -41.4830, -57.6990

Protanomaly

92.3350, 7.8010, -36.7670

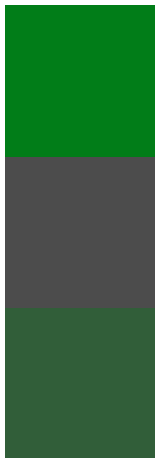
Deuteranomaly

93.8180, 11.0550, -29.6570

Tritanomaly

89.8660, -41.6260, -27.5620

Monochromacy



Original Color

76.4100, -41.4830, -57.6990

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.3270, -14.9430, -21.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4100, -41.4830, -57.6990 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(1, 125, 24)` looks like.

```
.text, #text, p{  
    color:rgb(1, 125, 24)  
}
```

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(1, 125, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 125, 24) }
```

Border

The CSS property to change the border of an element to YIQ 76.4100, -41.4830, -57.6990 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(1, 125, 24) }
```


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

```
.border{ border-color:rgb(1, 125, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 125, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 125, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 125, 24);  
box-shadow:4px 4px 4px 4px rgb(1, 125, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4100, -41.4830, -57.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 125, 24) }
```

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

```
.background{ background-color: rgb(1, 125,  
24) }
```

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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