

Converting Colors

YIQ(77.8300, -59.1400,
-29.5400)

Have a look what the booklet for
YIQ(77.8300, -59.1400, -29.5400)
contains.

YIQ(77.8300, -59.1400, -29.5400)	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

**YIQ(77.8300, -59.1400,
-29.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	03715D
RGB	3, 113, 93
RGB Percent	1%, 44%, 36%
CMY	0.9885, 0.5567, 0.6355
CMYK	0.97, 0.00, 0.18, 0.56
HSL	169°, 95%, 23%
HSV	169°, 97%, 44%
XYZ	7.9203, 12.6288, 12.3631
YIQ	77.8300, -59.1400, -29.5400

Conversions

Conversions Part 2

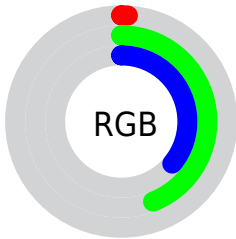
Format	Color
RYB	3, 64, 113
Decimal	225629
CIELab	42.20, -32.46, 3.50
CIELCh	42, 32.651, 173.855
Yxy	12.6288, 0.2406, 0.3837
Android (android.graphics.Color)	4278415709 (0xFF03715D)
YUV	77.8300, 7.4788, -65.6259
Hunter-Lab	35.5370, -22.4068, 4.2493

Details

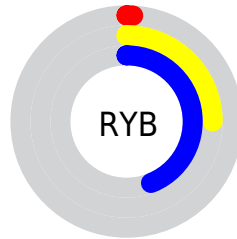
The YIQ color **77.8300, -59.1400, -29.5400** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.1700, 59.1400, 29.5400**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.4680, -46.2570, -26.2330**, and **42.9260, -32.6870, -18.8550** is the 20% darker color. If you saturate the color by 10%, you get **76.8190, -60.6070, -30.4870**, and if you desaturate by 10%, it is **81.3470, -53.2260, -26.5860**.

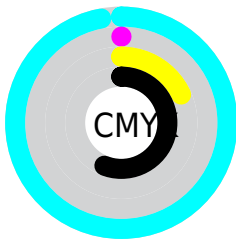
Distribution



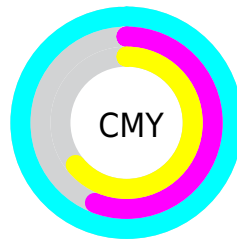
- Red (1%)
- Green (44%)
- Blue (36%)



- Red (1%)
- Yellow (25%)
- Blue (44%)



- Cyan (97%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.8300, -59.1400, -29.5400 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 77.8300, -59.1400, -29.5400 by changing the saturation by 10% instead.

■ 77.8300, -59.1400,
-29.5400

■ 77.8300, -59.1400,
-29.5400

■ 255.0000, -0.0000,
-0.0000

■ 59.5220, -46.3490,
-24.5650

■ 136.4680,
-46.2570, -26.2330

■ 42.9260, -32.6870,
-18.8550

■ 163.7670,
-45.6610, -26.0210

■ 27.6180, -19.8960,
-13.8800

■ 191.3540,
-45.9360, -26.5440

■ 8.2180, -3.8500,
-7.3220

■ 220.2400,
-45.6150, -26.8550

■ 0.0000, 0.0000,
0.0000

■ 234.7390,
-39.2900, -14.8260

■ 243.6380,

-22.6480, -8.0560

252.3090, -5.3640,
-1.9080

77.8300, -59.1400,
-29.5400

77.8300, -59.1400,
-29.5400

76.8190, -60.6070,
-30.4870

81.3470, -53.2260,
-26.5860

85.1630, -46.7160,
-23.4200

88.6800, -40.8020,
-20.4660

92.1970, -34.8880,
-17.5120

95.7140, -28.9740,
-14.5580

■ 99.5300, -22.4640,
-11.3920

■ 103.0470,
-16.5500, -8.4380

■ 106.5640,
-10.6360, -5.4840

■ 110.4940, -4.4470,
-2.0070

Harmonies

Analogous

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



90.7460, -14.8050, -23.5490



77.8300, -59.1400, -29.5400



80.0110, -69.5950, -21.7790

Triad

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



77.8300, -59.1400, -29.5400



100.5580, -18.5260, 16.3700



98.8400, 41.4930, 2.4290

Complementary

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



77.8300, -59.1400, -29.5400



38.1700, 59.1400, 29.5400

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.



100.2290, 42.3160, 15.0520



77.8300, -59.1400, -29.5400



102.6280, 10.8160, 24.2560

Square

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



77.8300, -59.1400, -29.5400



90.1510, -54.4690, 1.4590



101.8230, 32.1360, 23.3360



97.6610, 31.2710, -10.5610

Rectangle

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



77.8300, -59.1400, -29.5400



81.2480, -74.4560, -16.2800



101.8230, 32.1360, 23.3360



99.3720, 43.0510, 7.2350

Sweetspot

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



77.8300, -59.1400, -29.5400



134.2310, -23.0600, -11.6040



73.5500, -18.3300, -53.2900



65.6560, -13.8910, -7.0670



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



77.8300, -59.1400, -29.5400



100.6700, -79.5410, -39.7730



59.5650, -55.9350, -5.0150



54.0920, -3.2550, -1.5830



81.6120, -64.4580, -32.2820



168.0170, -132.7670, -66.3590

Inverse Universe

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



38.1700, 59.1400, 29.5400



47.3300, 79.5410, 39.7730



56.4350, 55.9350, 5.0150



52.0220, 2.9340, 1.8940



38.3880, 64.4580, 32.2820



78.9830, 132.7670, 66.3590

Previews

White Background



This preview shows how the YIQ color 77.8300, -59.1400, -29.5400 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 77.8300, -59.1400, -29.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

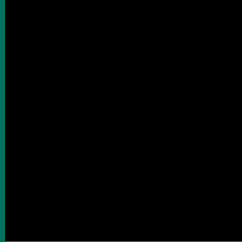
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.8300, -59.1400, -29.5400

Background



This preview shows how black text looks on a background with the YIQ color 77.8300, -59.1400, -29.5400.



This preview shows how white text looks on a background with the YIQ color 77.8300, -59.1400,

-29.5400.

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

77.8300, -59.1400, -29.5400

Protanopia

99.0130, 7.1530, -2.9830

Deuteranopia

100.3000, 8.0230, 3.2790



Tritanopia

87.8890, -48.4600, -13.8360

Trichromacy



Original Color

77.8300, -59.1400, -29.5400

Protanomaly

91.2270, -17.2370, -12.5090

Deuteranomaly

92.0470, -16.5500, -8.4380

Tritanomaly

84.1610, -52.4020, -19.4900

Monochromacy



Original Color

77.8300, -59.1400, -29.5400

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.1280, -21.2720, -10.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.8300, -59.1400, -29.5400 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(3, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(3, 113, 93)  
}
```

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(3, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 113, 93) }
```

Border

The CSS property to change the border of an element to YIQ 77.8300, -59.1400, -29.5400 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(3, 113, 93) }
```


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

```
.border{ border-color:rgb(3, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(3, 113, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.8300, -59.1400, -29.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 113, 93) }
```

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

```
.background{ background-color: rgb(3, 113,  
93) }
```

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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