

Converting Colors

YIQ(61.3070, -63.7760, -0.5760)

Have a look what the booklet for
YIQ(61.3070, -63.7760, -0.5760)
contains.

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Color

**YIQ(61.3070, -63.7760,
-0.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	004F83
RGB	0, 79, 131
RGB Percent	0%, 31%, 51%
CMY	0.9999, 0.6901, 0.4866
CMYK	1.00, 0.40, 0.00, 0.49
HSL	204°, 100%, 26%
HSV	204°, 100%, 51%
XYZ	6.8901, 7.2334, 22.4792
YIQ	61.3070, -63.7760, -0.5760

Conversions

Conversions Part 2

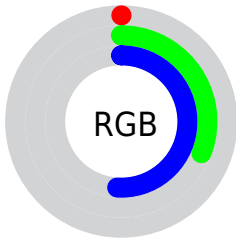
Format	Color
RYB	0, 49, 131
Decimal	20355
CIELab	32.33, 0.15, -34.87
CIElCh	32, 34.874, 270.247
Yxy	7.2334, 0.1882, 0.1976
Android (android.graphics.Color)	4278210435 (0xFF004F83)
YUV	61.3070, 34.3586, -53.7662
Hunter-Lab	26.8951, -1.3377, -30.7287

Details

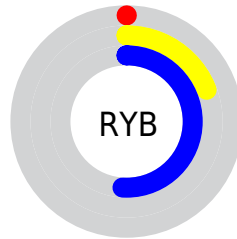
The YIQ color **61.3070, -63.7760, -0.5760** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **69.6930, 63.7760, 0.5760**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **119.1350, -48.3720, 6.6040**, and **29.7790, -35.6260, 6.8860** is the 20% darker color. If you saturate the color by 10%, you get **61.3070, -63.7760, -0.5760**, and if you desaturate by 10%, it is **68.1290, -57.4030, -0.4350**.

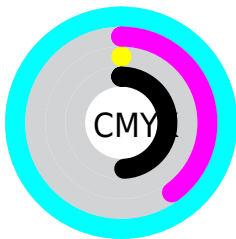
Distribution



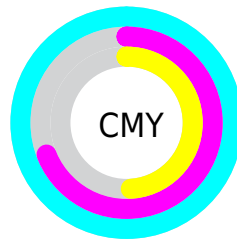
- Red (0%)
- Green (31%)
- Blue (51%)



- Red (0%)
- Yellow (19%)
- Blue (51%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3070, -63.7760, -0.5760 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 61.3070, -63.7760, -0.5760 by changing the saturation by 10% instead.

61.3070, -63.7760,
-0.5760

61.3070, -63.7760,
-0.5760

255.0000, -0.0000,
-0.0000

44.8420, -49.1050,
3.3670

119.1350,
-48.3720, 6.6040

29.7790, -35.6260,
6.8860

146.2600,
-47.2260, 7.8620

14.2430, -22.1930,
11.2390

173.2000,
-46.9970, 9.2190

5.1640, -11.7850,
9.8390

199.6040,
-42.5030, 4.8650

1.2540, -3.5310,
3.4210

224.7110,
-32.9190, -3.6310

0.0000, 0.0000,
0.0000

244.5350,

-20.8600, -7.4200

■ 253.5050, -2.9800,
-1.0600

■ 61.3070, -63.7760,
-0.5760

■ 68.1290, -57.4030,
-0.4350

■ 74.9510, -51.0300,
-0.2940

■ 82.3600, -44.9320,
-0.6760

■ 89.1820, -38.5590,
-0.5350

■ 96.0040, -32.1860,
-0.3940

■ 103.1250,
-25.2170, -0.0410

■ 109.9470,
-18.8440, 0.1000

■ 117.3560,
-12.7460, -0.2820

■ 124.1780, -6.3730,
-0.1410

Harmonies

Analogous

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



64.5040, -63.1330, -6.7250



61.3070, -63.7760, -0.5760



77.6620, -12.8870, 18.8010

Triad

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



61.3070, -63.7760, -0.5760



74.7730, 43.6000, 13.8080



63.4180, -25.6250, -25.6970

Complementary

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



61.3070, -63.7760, -0.5760



69.6930, 63.7760, 0.5760

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.



69.8210, 6.9730, -21.7550



61.3070, -63.7760, -0.5760



74.2480, 40.1640, -1.0200

Square

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



61.3070, -63.7760, -0.5760



76.0900, 35.7580, 23.7740



72.8730, 27.5580, -14.8580



60.7930, -48.5500, -23.2220

Rectangle

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



61.3070, -63.7760, -0.5760



78.6600, 7.7900, 24.0300



72.8730, 27.5580, -14.8580



66.8880, -12.3290, -24.3690

Sweetspot

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



61.3070, -63.7760, -0.5760



144.0110, -24.8960, -0.3520



82.5970, -52.0750, -52.9630



69.8010, -15.4970, 0.0150



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



61.3070, -63.7760, -0.5760



79.9550, -83.2160, -0.6880



23.7390, -46.1760, 32.8960



63.0320, -3.0260, -0.2260



60.6060, -63.1800, -0.3640



1.5160, -1.5130, -0.1130

Inverse Universe

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



48.1750, 52.7170, 52.3410



62.8710, 68.8530, 68.2850



107.2610, 46.1760, -32.8960



62.2500, 2.2920, 2.5160



47.7620, 52.4420, 51.8180



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 61.3070, -63.7760, -0.5760 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 61.3070, -63.7760, -0.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

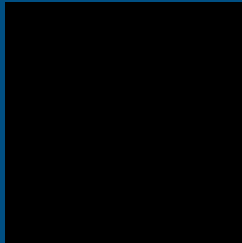
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.3070, -63.7760, -0.5760

Background



This preview shows how black text looks on a background with the YIQ color 61.3070, -63.7760, -0.5760.



This preview shows how white text looks on a background with the YIQ color 61.3070, -63.7760,

-0.5760.

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

61.3070, -63.7760, -0.5760

Protanopia

74.9480, -28.6120, 11.9320

Deuteranopia

70.2990, -42.9620, 7.6780



Tritanopia

60.2690, -52.5860, -16.1540

Trichromacy



Original Color

61.3070, -63.7760, -0.5760

Protanomaly

69.6690, -41.1280, 7.4800

Deuteranomaly

67.2980, -50.3890, 4.6110

Tritanomaly

60.8050, -56.8510, -10.4430

Monochromacy



Original Color

61.3070, -63.7760, -0.5760

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.3810, -23.0620, -0.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3070, -63.7760, -0.5760 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(0, 79, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 131)  
}
```

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(0, 79, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 131) }
```

Border

The CSS property to change the border of an element to YIQ 61.3070, -63.7760, -0.5760 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(0, 79, 131) }
```


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

```
.border{ border-color:rgb(0, 79, 131) }
```

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

Here you see how a box with a 4 pixel rgb(0, 79, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 131)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.3070, -63.7760, -0.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 131) }
```

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

```
.background{ background-color: rgb(0, 79,  
131) }
```

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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