

Converting Colors

YIQ(63.6160, -59.9720, 7.5800)

Have a look what the booklet for
YIQ(63.6160, -59.9720, 7.5800)
contains.

YIQ(63.6160, -59.9720, 7.5800)	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(63.6160, -59.9720,
7.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	0B4B8F
RGB	11, 75, 143
RGB Percent	4%, 29%, 56%
CMY	0.9569, 0.7058, 0.4395
CMYK	0.92, 0.48, 0.00, 0.44
HSL	211°, 86%, 30%
HSV	211°, 92%, 56%
XYZ	7.6079, 7.0877, 26.9243
YIQ	63.6160, -59.9720, 7.5800

Conversions

Conversions Part 2

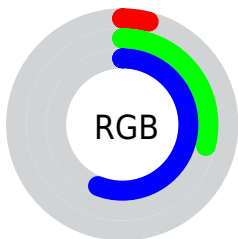
Format	Color
R_{YB}	11, 54, 143
Decimal	740239
CIE _{Lab}	32.01, 8.56, -42.76
CIE _{LCh}	32, 43.613, 281.320
Yxy	7.0877, 0.1828, 0.1703
Android (android.graphics.Color)	4278930319 (0xFF0B4B8F)
YUV	63.6160, 39.1363, -46.1442
Hunter-Lab	26.6228, 4.4193, -41.3255

Details

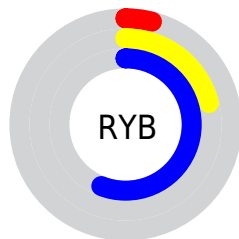
The YIQ color **63.6160, -59.9720, 7.5800** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90.3840, 59.9720, -7.5800**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7750, -46.9980, 14.7460**, and **29.2720, -38.3320, 11.8760** is the 20% darker color. If you saturate the color by 10%, you get **56.8050, -64.8780, 8.3860**, and if you desaturate by 10%, it is **71.9110, -53.5530, 6.8870**.

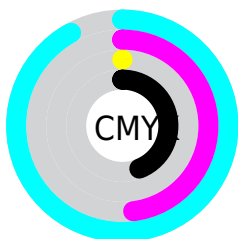
Distribution



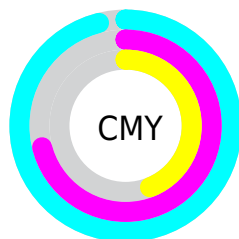
- Red (4%)
- Green (29%)
- Blue (56%)



- Red (4%)
- Yellow (21%)
- Blue (56%)



- Cyan (92%)
- Magenta (48%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.6160, -59.9720, 7.5800 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 63.6160, -59.9720, 7.5800 by changing the saturation by 10% instead.

■ 63.6160, -59.9720,
7.5800

■ 63.6160, -59.9720,
7.5800

■ 255.0000, -0.0000,
-0.0000

■ 44.4490, -52.1320,
8.6680

■ 119.7750,
-46.9980, 14.7460

■ 29.2720, -38.3320,
11.8760

■ 146.9000,
-45.8520, 16.0040

■ 12.4480, -24.0280,
16.9640

■ 173.8400,
-45.6230, 17.3610

■ 6.8910, -15.2700,
12.4260

■ 199.0610,
-36.3600, 9.1760

■ 3.2090, -7.6580,
6.6300

■ 224.1680,
-26.7760, 0.6800

■ 0.0000, 0.0000,
0.0000

■ 246.9270,

-16.0920, -5.7240

■ 63.6160, -59.9720,
7.5800

■ 63.6160, -59.9720,
7.5800

■ 56.8050, -64.8780,
8.3860

■ 71.9110, -53.5530,
6.8870

■ 81.0920, -46.8130,
5.8830

■ 89.3870, -40.3940,
5.1900

■ 97.6820, -33.9750,
4.4970

■ 106.5640,
-27.8310, 3.2810

■ 115.1580,
-20.8160, 2.8000

■ 124.0400,
-14.6720, 1.5840

■ 132.3350, -8.2530,
0.8910

■ 140.9290, -1.2380,
0.4100

Harmonies

Analogous

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



65.8550, -68.3150, -0.9150



63.6160, -59.9720, 7.5800



77.5050, -1.8390, 27.8330

Triad

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



63.6160, -59.9720, 7.5800



71.4550, 53.1830, 10.8390



58.7580, -41.4420, -30.8980

Complementary

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



63.6160, -59.9720, 7.5800



90.3840, 59.9720, -7.5800

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.



64.7930, -4.9920, -30.6880



63.6160, -59.9720, 7.5800



71.4470, 46.4930, -11.0990

Square

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



63.6160, -59.9720, 7.5800



70.8530, 49.7870, 28.3390



69.4070, 25.6340, -24.0460



63.4490, -53.2730, -20.2250

Rectangle

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



63.6160, -59.9720, 7.5800



76.1720, 21.2680, 33.0760



69.4070, 25.6340, -24.0460



56.8030, -37.3150, -34.1070

Sweetspot

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



63.6160, -59.9720, 7.5800



154.6030, -23.5670, 3.0970



96.0080, -57.4860, -48.5100



75.0400, -14.6720, 1.5840



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.



63.6160, -59.9720, 7.5800



74.0340, -84.4560, 10.7760



26.0480, -42.3720, 41.0520



67.1460, -3.3470, 0.0850



54.1320, -61.4850, 7.4670



3.2600, -3.6680, 0.3960

Inverse Universe

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



57.7640, 58.1280, 47.8880



65.8740, 81.9660, 67.4220



127.9520, 42.3720, -41.0520



66.5490, 2.8880, 2.7280



47.8890, 59.2740, 49.1460



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 63.6160, -59.9720, 7.5800 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 63.6160, -59.9720, 7.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

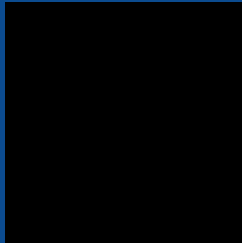
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6160, -59.9720, 7.5800

Background



This preview shows how black text looks on a background with the YIQ color 63.6160, -59.9720, 7.5800.



This preview shows how white text looks on a background with the YIQ color 63.6160, -59.9720,

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

63.6160, -59.9720, 7.5800

Protanopia

70.5860, -42.0920, 13.9400

Deuteranopia

60.5890, -64.5100, 1.7140



Tritanopia

59.4540, -51.6690, -16.2530

Trichromacy



Original Color

63.6160, -59.9720, 7.5800

Protanomaly

68.2970, -48.6480, 11.6080

Deuteranomaly

61.5400, -62.8140, 4.0180

Tritanomaly

61.1690, -54.8800, -7.6160

Monochromacy



Original Color

63.6160, -59.9720, 7.5800

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9730, -21.7330, 2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6160, -59.9720, 7.5800 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(11, 75, 143)` looks like.

```
.text, #text, p{  
    color:rgb(11, 75, 143)  
}
```

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(11, 75, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 75, 143) }
```

Border

The CSS property to change the border of an element to YIQ 63.6160, -59.9720, 7.5800 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(11, 75, 143) }
```


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

```
.border{ border-color:rgb(11, 75, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 75, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 75, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 75, 143);  
box-shadow:4px 4px 4px 4px rgb(11, 75,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 63.6160, -59.9720, 7.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 75, 143) }
```

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

```
.background{ background-color: rgb(11, 75,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor