

Converting Colors

YIQ(65.8010, -59.0550, 7.4810)

Have a look what the booklet for
YIQ(65.8010, -59.0550, 7.4810)
contains.

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Color

**YIQ(65.8010, -59.0550,
7.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	0E4D90
RGB	14, 77, 144
RGB Percent	5%, 30%, 56%
CMY	0.9451, 0.6979, 0.4356
CMYK	0.90, 0.46, 0.00, 0.44
HSL	211°, 82%, 31%
HSV	211°, 90%, 56%
XYZ	7.8649, 7.4160, 27.3732
YIQ	65.8010, -59.0550, 7.4810

Conversions

Conversions Part 2

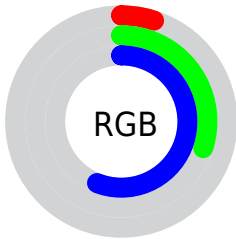
Format	Color
RYB	14, 56, 144
Decimal	937360
CIELab	32.74, 7.81, -42.20
CIElCh	33, 42.917, 280.490
Yxy	7.4160, 0.1844, 0.1739
Android (android.graphics.Color)	4279127440 (0xFF0E4D90)
YUV	65.8010, 38.5521, -45.4295
Hunter-Lab	27.2324, 3.8953, -40.5340

Details

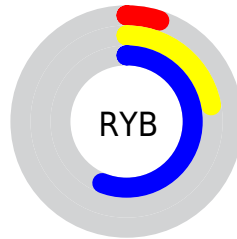
The YIQ color **65.8010, -59.0550, 7.4810** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **92.1990, 59.0550, -7.4810**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.3620, -47.2730, 14.2230**, and **30.5600, -39.2030, 11.1410** is the 20% darker color. If you saturate the color by 10%, you get **57.5060, -65.4740, 8.1740**, and if you desaturate by 10%, it is **74.0960, -52.6360, 6.7880**.

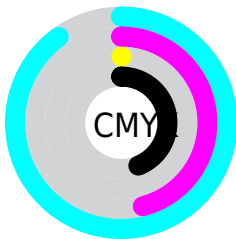
Distribution



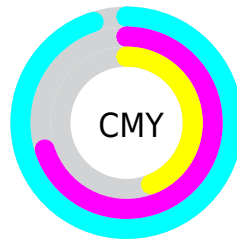
- Red (5%)
- Green (30%)
- Blue (56%)



- Red (5%)
- Yellow (22%)
- Blue (56%)



- Cyan (90%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.8010, -59.0550, 7.4810 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 65.8010, -59.0550, 7.4810 by changing the saturation by 10% instead.

■ 65.8010, -59.0550,
7.4810

■ 65.8010, -59.0550,
7.4810

■ 255.0000, -0.0000,
-0.0000

■ 45.7370, -53.0030,
7.9330

■ 121.3620,
-47.2730, 14.2230

■ 30.5600, -39.2030,
11.1410

■ 148.6010,
-46.4480, 15.7920

■ 14.3230, -25.1740,
15.7060

■ 176.0140,
-46.1730, 16.3150

■ 7.0050, -15.5910,
12.7370

■ 200.5340,
-36.3140, 8.3420

■ 3.3230, -7.9790,
6.9410

■ 225.6410,
-26.7300, -0.1540

■ 0.0000, 0.0000,
0.0000

■ 247.2260,

-15.4960, -5.5120

■ 65.8010, -59.0550,
7.4810

■ 65.8010, -59.0550,
7.4810

■ 57.5060, -65.4740,
8.1740

■ 74.0960, -52.6360,
6.7880

■ 83.2770, -45.8960,
5.7840

■ 91.5720, -39.4770,
5.0910

■ 100.7530,
-32.7370, 4.0870

■ 109.0480,
-26.3180, 3.3940

■ 117.3430,
-19.8990, 2.7010

■ 126.5240,
-13.1590, 1.6970

■ 134.8190, -6.7400,
1.0040

■ 144.0000, -0.0000,
0.0000

Harmonies

Analogous

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



67.1430, -69.1860, -1.6500



65.8010, -59.0550, 7.4810



78.9070, -3.0310, 27.4090

Triad

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



65.8010, -59.0550, 7.4810



73.6830, 52.5410, 11.4610



59.4590, -42.0380, -31.1100

Complementary

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



65.8010, -59.0550, 7.4810



92.1990, 59.0550, -7.4810

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.



66.8040, -3.5250, -29.7410



65.8010, -59.0550, 7.4810



73.0880, 46.1260, -9.9540

Square

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



65.8010, -59.0550, 7.4810



73.2550, 48.5950, 27.9150



70.8910, 27.1470, -23.9330



64.6230, -53.8230, -21.2710

Rectangle

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



65.8010, -59.0550, 7.4810



78.4600, 20.3970, 32.3410



70.8910, 27.1470, -23.9330



57.6180, -38.2320, -34.0080

Sweetspot

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



65.8010, -59.0550, 7.4810



155.7880, -22.6500, 2.9980



97.7200, -56.6150, -47.7750



76.2250, -13.7550, 1.4850



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.



65.8010, -59.0550, 7.4810



74.0340, -84.4560, 10.7760



28.8200, -41.7300, 40.4300



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.



60.0520, 57.2570, 47.1530



65.8740, 81.9660, 67.4220



129.1800, 41.7300, -40.4300



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 65.8010, -59.0550, 7.4810 looks on a white background.

Color Contrast Check

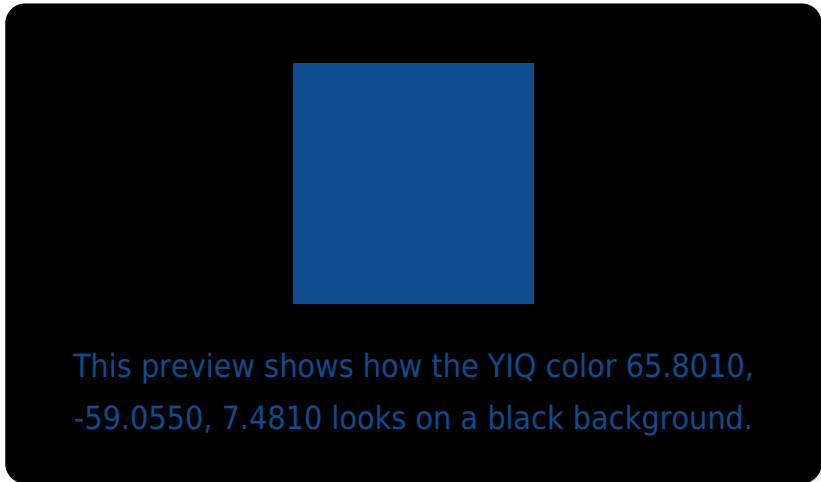
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

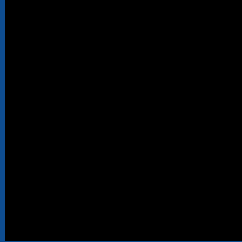
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.8010, -59.0550, 7.4810

Background



This preview shows how black text looks on a background with the YIQ color 65.8010, -59.0550, 7.4810.



This preview shows how white text looks on a background with the YIQ color 65.8010, -59.0550,

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

65.8010, -59.0550, 7.4810

Protanopia

73.0700, -40.5790, 14.0530

Deuteranopia

61.5180, -65.7480, 2.1240



Tritanopia

60.8560, -52.8610, -16.6770

Trichromacy



Original Color

65.8010, -59.0550, 7.4810

Protanomaly

70.4820, -47.7310, 11.5090

Deuteranomaly

63.2410, -63.4100, 3.8060

Tritanomaly

62.7560, -55.1550, -8.1390

Monochromacy



Original Color

65.8010, -59.0550, 7.4810

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.8590, -21.4120, 2.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.8010, -59.0550, 7.4810 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(14, 77, 144)` looks like.

```
.text, #text, p{  
    color:rgb(14, 77, 144)  
}
```

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(14, 77, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 77, 144) }
```

Border

The CSS property to change the border of an element to YIQ 65.8010, -59.0550, 7.4810 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(14, 77, 144) }
```


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

```
.border{ border-color:rgb(14, 77, 144) }
```

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

Here you see how a box with a 4 pixel rgb(14, 77, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 77, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 77, 144);  
box-shadow:4px 4px 4px 4px rgb(14, 77,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 65.8010, -59.0550, 7.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 77, 144) }
```

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

```
.background{ background-color: rgb(14, 77,  
144) }
```

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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