

Converting Colors

YIQ(48.7390, -63.3710, 41.6610)

Have a look what the booklet for
YIQ(48.7390, -63.3710, 41.6610)
contains.

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Color

**YIQ(48.7390, -63.3710,
41.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	0E27BE
RGB	14, 39, 190
RGB Percent	5%, 15%, 75%
CMY	0.9449, 0.8470, 0.2553
CMYK	0.93, 0.79, 0.00, 0.26
HSL	231°, 86%, 40%
HSV	231°, 93%, 74%
XYZ	10.1911, 5.2588, 49.1393
YIQ	48.7390, -63.3710, 41.6610

Conversions

Conversions Part 2

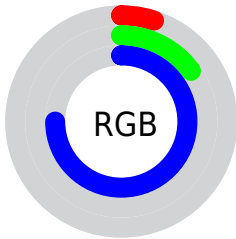
Format	Color
R_{YB}	14, 36, 190
Decimal	927678
CIE Lab	27.46, 50.21, -78.48
CIE LCh	27, 93.167, 302.611
Yxy	5.2588, 0.1578, 0.0814
Android (android.graphics.Color)	4279117758 (0xFF0E27BE)
YUV	48.7390, 69.6417, -30.4661
Hunter-Lab	22.9320, 39.1952, -110.9955

Details

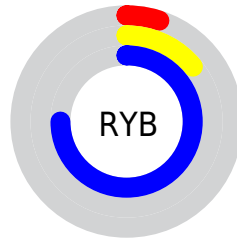
The YIQ color **48.7390, -63.3710, 41.6610** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **155.2610, 63.3710, -41.6610**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1380, -42.1450, 53.4630**, and **15.3900, -43.3350, 41.9850** is the 20% darker color. If you saturate the color by 10%, you get **37.5090, -68.4150, 44.9690**, and if you desaturate by 10%, it is **63.8120, -56.4470, 37.3210**.

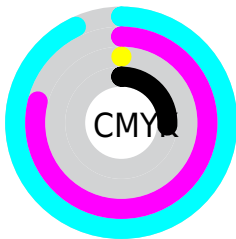
Distribution



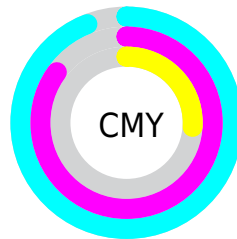
- Red (5%)
- Green (15%)
- Blue (75%)



- Red (5%)
- Yellow (14%)
- Blue (75%)



- Cyan (93%)
- Magenta (79%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (85%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.7390, -63.3710, 41.6610 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 48.7390, -63.3710, 41.6610 by changing the saturation by 10% instead.

■ 48.7390, -63.3710,
41.6610

■ 48.7390, -63.3710,
41.6610

■ 255.0000, -0.0000,
-0.0000

■ 27.8600, -56.4020,
42.0140

■ 110.1380,
-42.1450, 53.4630

■ 15.3900, -43.3350,
41.9850

■ 134.8800,
-32.7910, 49.1370

■ 12.4260, -34.9890,
33.8990

■ 159.7100,
-20.8690, 42.3230

■ 15.9190, -29.6680,
20.0600

■ 183.9420,
-10.1390, 35.0850

■ 10.2480, -20.5890,
15.2110

■ 209.6470, 0.6370,
27.0130


■ 5.2780, -12.1060,
10.1500


■ 234.4550, 9.6250,


■ 1.3680, -3.8520,


18.3050


3.7320


 251.4780, 1.6500,
3.1380


 0.0000, 0.0000,
0.0000


 48.7390, -63.3710,
41.6610


 48.7390, -63.3710,
41.6610


 37.5090, -68.4150,
44.9690

 63.8120, -56.4470,
37.3210

 79.4720, -49.7980,
32.4580

 94.5450, -42.8740,
28.1180

 109.6180,
-35.9500, 23.7780

 124.6910,
-29.0260, 19.4380

■ 140.3510,
-22.3770, 14.5750

■ 155.4240,
-15.4530, 10.2350

■ 170.4970, -8.5290,
5.8950

■ 186.1570, -1.8800,
1.0320

Harmonies

Analogous

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



69.5950, -89.8690, 26.2830



48.7390, -63.3710, 41.6610



59.1150, 44.9190, 72.5270

Triad

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



48.7390, -63.3710, 41.6610



52.0720, 70.5590, 15.3190



59.0490, -46.3950, -23.7310

Complementary

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



48.7390, -63.3710, 41.6610



155.2610, 63.3710, -41.6610

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.



49.8950, -23.3750, -44.4550



48.7390, -63.3710, 41.6610



60.5800, 26.8250, -18.0950

Square

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



48.7390, -63.3710, 41.6610



49.6340, 98.9360, 35.1920



46.9600, -22.0000, -41.8400



68.4310, -70.0570, -2.3850

Rectangle

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



48.7390, -63.3710, 41.6610



61.2320, 74.9060, 63.2100



46.9600, -22.0000, -41.8400



55.4980, -37.7740, -31.2940

Sweetspot

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



48.7390, -63.3710, 41.6610



191.7360, -24.8990, 16.2290



134.4120, -96.5500, -45.3980



90.4240, -15.4530, 10.2350



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



48.7390, -63.3710, 41.6610



48.7030, -88.9120, 58.5120



52.6020, -19.5440, 67.8800



86.6130, -3.1640, 2.2760



30.9260, -56.7680, 37.6320



5.8820, -11.0510, 7.5490

Inverse Universe

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



69.4740, 96.8710, 45.0870



77.8430, 135.9770, 63.2490



151.3980, 19.5440, -67.8800



87.8050, 5.0430, 2.2190



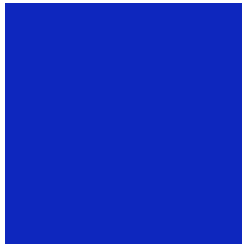
49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 48.7390, -63.3710, 41.6610 looks on a white background.

Color Contrast Check

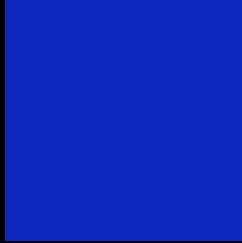
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7390, -63.3710, 41.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

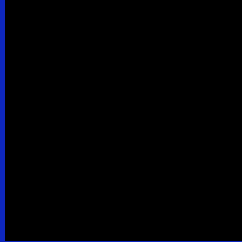
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.7390, -63.3710, 41.6610

Background



This preview shows how black text looks on a background with the YIQ color 48.7390, -63.3710, 41.6610.



This preview shows how white text looks on a background with the YIQ color 48.7390, -63.3710,

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

48.7390, -63.3710, 41.6610

Protanopia

52.0290, -59.6970, 8.1030

Deuteranopia

52.0970, -54.3770, -0.2090



Tritanopia

50.9280, -44.1960, -14.0200

Trichromacy



Original Color

48.7390, -63.3710, 41.6610

Protanomaly

50.6350, -60.9830, 20.4010

Deuteranomaly

50.9140, -57.6350, 14.7890

Tritanomaly

50.0530, -51.0770, 6.0670

Monochromacy



Original Color

48.7390, -63.3710, 41.6610

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.5790, -23.0190, 15.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.7390, -63.3710, 41.6610 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, 39, 190)` looks like.

```
.text, #text, p{  
    color:rgb(14, 39, 190)  
}
```

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, 39, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 39, 190) }
```

Border

The CSS property to change the border of an element to YIQ 48.7390, -63.3710, 41.6610 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, 39, 190) }
```


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

```
.border{ border-color:rgb(14, 39, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 39, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 39, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 39, 190);  
box-shadow:4px 4px 4px 4px rgb(14, 39,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 48.7390, -63.3710, 41.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 39, 190) }
```

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

```
.background{ background-color: rgb(14, 39,  
190) }
```

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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