

Converting Colors

YIQ(63.6760, -76.2550, 43.8810)

Have a look what the booklet for
YIQ(63.6760, -76.2550, 43.8810)
contains.

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Color

**YIQ(63.6760, -76.2550,
43.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	1238DF
RGB	18, 56, 223
RGB Percent	7%, 22%, 87%
CMY	0.9293, 0.7803, 0.1259
CMYK	0.92, 0.75, 0.00, 0.13
HSL	229°, 85%, 47%
HSV	229°, 92%, 87%
XYZ	14.9689, 8.2803, 70.5435
YIQ	63.6760, -76.2550, 43.8810

Conversions

Conversions Part 2

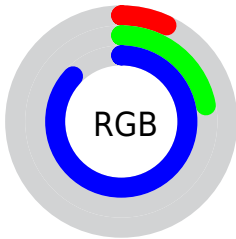
Format	Color
R _Y B	18, 50, 223
Decimal	1194207
CIE Lab	34.56, 52.08, -85.89
CIE LCh	35, 100.445, 301.233
Yxy	8.2803, 0.1596, 0.0883
Android (android.graphics.Color)	4279384287 (0xFF1238DF)
YUV	63.6760, 78.5467, -40.0579
Hunter-Lab	28.7756, 42.4976, -125.2069

Details

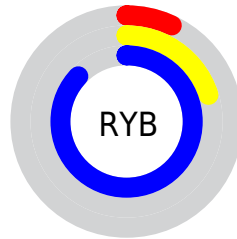
The YIQ color **63.6760, -76.2550, 43.8810** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **177.3240, 76.2550, -43.8810**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6060, -43.7030, 48.6570**, and **25.9680, -56.5860, 45.3500** is the 20% darker color. If you saturate the color by 10%, you get **49.4890, -82.8580, 47.9100**, and if you desaturate by 10%, it is **80.8200, -68.0930, 39.1310**.

Distribution



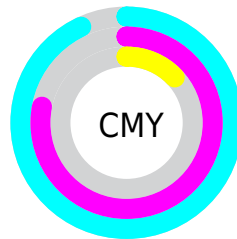
- Red (7%)
- Green (22%)
- Blue (87%)



- Red (7%)
- Yellow (20%)
- Blue (87%)



- Cyan (92%)
- Magenta (75%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (78%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.6760, -76.2550, 43.8810 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 63.6760, -76.2550, 43.8810 by changing the saturation by 10% instead.

■ 63.6760, -76.2550,
43.8810

■ 63.6760, -76.2550,
43.8810

■ 255.0000, -0.0000,
-0.0000

■ 41.4870, -71.3490,
43.0750

■ 123.6060,
-43.7030, 48.6570

■ 25.9680, -56.5860,
45.3500

■ 148.7350,
-31.1850, 42.0550

■ 15.8460, -44.6190,
43.2290

■ 173.5650,
-19.2630, 35.2410

■ 12.7680, -35.9520,
34.8320

■ 199.5690, -7.8910,
27.3810

■ 16.9620, -31.2270,
20.7810

■ 225.2740, 2.8850,
19.3090

■ 10.5900, -21.5520,
16.1440

■ 246.1950, 4.1250,

■ 6.2070, -13.3440,

7.8450

10.5600

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 63.6760, -76.2550,
43.8810

■ 63.6760, -76.2550,
43.8810

■ 49.4890, -82.8580,
47.9100

■ 80.8200, -68.0930,
39.1310

■ 98.2630, -59.3350,
34.5930

■ 115.4070,
-51.1730, 29.8430

■ 133.1380,
-43.2860, 24.5700

■ 150.2820,
-35.1240, 19.8200

■ 167.7250,
-26.3660, 15.2820

■ 184.8690,
-18.2040, 10.5320

■ 202.0130,
-10.0420, 5.7820

■ 219.4560, -1.2840,
1.2440

Harmonies

Analogous

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



84.0370, -105.7330, 27.4430



63.6760, -76.2550, 43.8810



69.3690, 50.5560, 86.0120

Triad

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



63.6760, -76.2550, 43.8810



66.9010, 84.2220, 15.5020



72.2710, -56.0680, -30.1480

Complementary

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



63.6760, -76.2550, 43.8810



177.3240, 76.2550, -43.8810

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.



61.0480, -28.6000, -54.3920



63.6760, -76.2550, 43.8810



76.5500, 35.5370, -21.7990

Square

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



63.6760, -76.2550, 43.8810



59.1310, 116.7700, 42.3860



57.5260, -26.9500, -51.2540



82.6790, -82.6190, -6.0030

Rectangle

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



63.6760, -76.2550, 43.8810



72.5250, 84.8070, 76.5110



57.5260, -26.9500, -51.2540



68.3780, -46.4840, -38.6440

Sweetspot

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



63.6760, -76.2550, 43.8810



199.7250, -26.3660, 15.2820



157.0310, -109.0190, -56.2110



93.7120, -16.3240, 9.5000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



63.6760, -76.2550, 43.8810



56.6590, -94.7800, 54.7240



59.6090, -29.4490, 76.6870



103.4280, -4.0810, 2.3750



39.4350, -65.5710, 37.4770



10.7550, -17.8830, 10.2210

Inverse Universe

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



83.6270, 109.9820, 55.2780



81.6030, 136.8930, 68.6770



181.0920, 28.8530, -76.8990



104.5170, 5.9140, 2.9540



56.3860, 94.3030, 47.5750



15.3780, 25.7190, 12.9750

Previews

White Background



This preview shows how the YIQ color 63.6760, -76.2550, 43.8810 looks on a white background.

Color Contrast Check

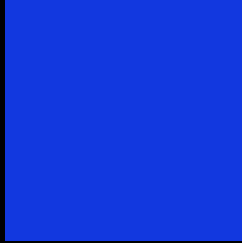
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6760, -76.2550, 43.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

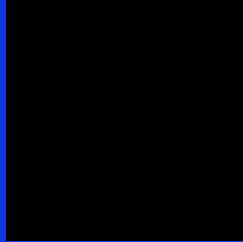
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6760, -76.2550, 43.8810

Background



This preview shows how black text looks on a background with the YIQ color 63.6760, -76.2550, 43.8810.



This preview shows how white text looks on a background with the YIQ color 63.6760, -76.2550,

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

63.6760, -76.2550, 43.8810

Protanopia

64.4820, -74.0940, 10.2100

Deuteranopia

64.5670, -67.4440, -0.1800



Tritanopia

63.5460, -54.9240, -17.8360

Trichromacy



Original Color

63.6760, -76.2550, 43.8810

Protanomaly

64.2730, -74.4630, 22.4090

Deuteranomaly

64.3240, -70.4730, 16.1750

Tritanomaly

63.9530, -62.5390, 4.5410

Monochromacy



Original Color

63.6760, -76.2550, 43.8810

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.7680, -27.9250, 16.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6760, -76.2550, 43.8810 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(18, 56, 223)` looks like.

```
.text, #text, p{  
    color:rgb(18, 56, 223)  
}
```

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(18, 56, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 56, 223) }
```

Border

The CSS property to change the border of an element to YIQ 63.6760, -76.2550, 43.8810 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(18, 56, 223) }
```


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

```
.border{ border-color:rgb(18, 56, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 56, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 56, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 56, 223);  
box-shadow:4px 4px 4px 4px rgb(18, 56,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 63.6760, -76.2550, 43.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 56, 223) }
```

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

```
.background{ background-color: rgb(18, 56,  
223) }
```

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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