

Converting Colors

YIQ(101.3680, -63.4640,
48.8560)

Have a look what the booklet for
YIQ(101.3680, -63.4640, 48.8560)
contains.

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Color

**YIQ(101.3680, -63.4640,
48.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	4757FF
RGB	71, 87, 255
RGB Percent	28%, 34%, 100%
CMY	0.7215, 0.6588, 0.0004
CMYK	0.72, 0.66, 0.00, 0.00
HSL	235°, 100%, 64%
HSV	235°, 72%, 100%
XYZ	24.0429, 15.3715, 96.2253
YIQ	101.3680, -63.4640, 48.8560

Conversions

Conversions Part 2

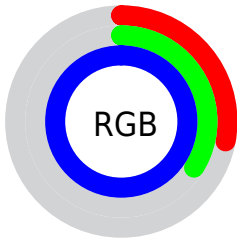
Format	Color
R_{YB}	71, 86, 255
Decimal	4675583
CIE _{Lab}	46.14, 48.38, -84.79
CIE _{LCh}	46, 97.623, 299.706
Yxy	15.3715, 0.1773, 0.1133
Android (android.graphics.Color)	4282865663 (0xFF4757FF)
YUV	101.3680, 75.7406, -26.6327
Hunter-Lab	39.2065, 40.8513, -118.0721

Details

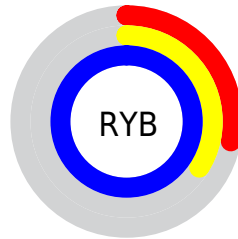
The YIQ color **101.3680, -63.4640, 48.8560** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **224.6320, 63.4640, -48.8560**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9470, -34.8980, 37.7580**, and **46.5250, -74.5120, 39.8240** is the 20% darker color. If you saturate the color by 10%, you get **80.3920, -72.0390, 55.5850**, and if you desaturate by 10%, it is **122.6430, -54.2930, 42.3390**.

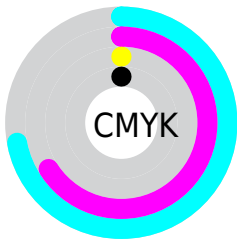
Distribution



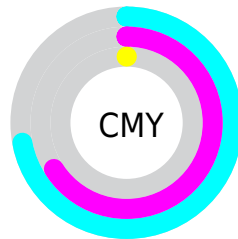
- Red (28%)
- Green (34%)
- Blue (100%)



- Red (28%)
- Yellow (34%)
- Blue (100%)



- Cyan (72%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.3680, -63.4640, 48.8560 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 101.3680, -63.4640, 48.8560 by changing the saturation by 10% instead.

■ 101.3680,
-63.4640, 48.8560

■ 101.3680,
-63.4640, 48.8560

■ 255.0000, -0.0000,
-0.0000

■ 63.3430, -88.6790,
37.7610

■ 151.9470,
-34.8980, 37.7580

■ 46.5250, -74.5120,
39.8240

■ 177.6630,
-22.6550, 30.6330

■ 31.5930, -60.0240,
41.5760

■ 202.7810,
-11.6040, 23.0840

■ 18.4220, -46.3610,
41.7590

■ 228.7850, -0.2320,
15.2240

■ 13.1100, -36.9150,
35.7650

■ 250.8910, 1.9250,
3.6610

■ 17.7770, -32.1440,
20.8800

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.8670, -6.6950,
5.6970

■ 101.3680,
-63.4640, 48.8560

■ 101.3680,
-63.4640, 48.8560

■ 80.3920, -72.0390,
55.5850

■ 122.6430,
-54.2930, 42.3390

■ 58.5300, -80.9350,
62.6250

■ 144.2060,
-45.9930, 35.0870

■ 41.9840, -87.9050,
67.7990

■ 165.4810,
-36.8220, 28.5700

■ 186.4570,
-28.2470, 21.8410

■ 207.4330,
-19.6720, 15.1120

■ 229.2950,
-10.7760, 8.0720

■ 250.2710, -2.2010,
1.3430

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



100.6840, -115.4050, 15.4990



101.3680, -63.4640, 48.8560



81.9160, 56.9260, 102.7340

Triad

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



101.3680, -63.4640, 48.8560



96.7590, 98.9410, 7.5570



93.6770, -72.2510, -39.7310

Complementary

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



101.3680, -63.4640, 48.8560



224.6320, 63.4640, -48.8560

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.



79.2450, -37.1250, -70.6050



101.3680, -63.4640, 48.8560



102.8750, 50.4390, -27.5530

Square

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



101.3680, -63.4640, 48.8560



74.1410, 129.1460, 60.3940



87.4060, -9.2970, -57.3050



104.4270, -99.7650, -14.6530

Rectangle

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



101.3680, -63.4640, 48.8560



86.0400, 94.2030, 93.4590



87.4060, -9.2970, -57.3050



89.7840, -62.6670, -48.2270

Sweetspot

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



101.3680, -63.4640, 48.8560



208.3190, -19.3510, 14.8010



197.9320, -103.8860, -44.6060



99.6370, -11.7390, 9.0050



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.



101.3680, -63.4640, 48.8560



69.4610, -76.4870, 59.1050



114.1020, -14.9600, 72.9120



117.0690, -4.4480, 3.5200



31.7530, -65.9860, 50.5100



10.8180, -22.1940, 16.7660

Inverse Universe

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



127.8400, 104.5280, 43.9840



101.5440, 126.2130, 52.9730



211.8980, 14.9600, -72.9120



119.0010, 7.4270, 3.0670



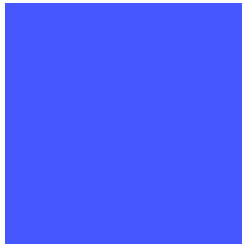
59.0470, 108.3790, 45.7790



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 101.3680, -63.4640, 48.8560 looks on a white background.

Color Contrast Check

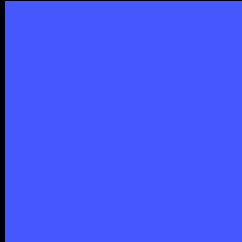
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.3680, -63.4640, 48.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 101.3680, -63.4640, 48.8560

Background



This preview shows how black text looks on a background with the YIQ color 101.3680, -63.4640, 48.8560.



This preview shows how white text looks on a background with the YIQ color 101.3680, -63.4640,

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

101.3680, -63.4640, 48.8560

Protanopia

86.2420, -99.5410, 14.3390

Deuteranopia

86.7030, -91.1940, 0.7260



Tritanopia

85.0320, -74.0880, -22.9520

Trichromacy



Original Color

101.3680, -63.4640, 48.8560

Protanomaly

91.8620, -86.2470, 26.7210

Deuteranomaly

91.9300, -80.9270, 18.4090

Tritanomaly

91.0060, -70.0580, 3.1420

Monochromacy



Original Color

101.3680, -63.4640, 48.8560

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1600, -23.1570, 17.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.3680, -63.4640, 48.8560 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(71, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 87, 255)  
}
```

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(71, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 87, 255) }
```

Border

The CSS property to change the border of an element to YIQ 101.3680, -63.4640, 48.8560 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(71, 87, 255) }
```


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

```
.border{ border-color:rgb(71, 87, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 87, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 87,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 101.3680, -63.4640, 48.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 87, 255) }
```

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

```
.background{ background-color: rgb(71, 87,  
255) }
```

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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