

Converting Colors

YIQ(88.9770, -1.1930, 5.1030)

Have a look what the booklet for
YIQ(88.9770, -1.1930, 5.1030)
contains.

YIQ(88.9770, -1.1930, 5.1030)	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(88.9770, -1.1930,
5.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5663
RGB	91, 86, 99
RGB Percent	36%, 34%, 39%
CMY	0.6431, 0.6627, 0.6118
CMYK	0.08, 0.13, 0.00, 0.61
HSL	263°, 7%, 36%
HSV	263°, 13%, 39%
XYZ	9.8945, 9.7804, 13.1698
YIQ	88.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

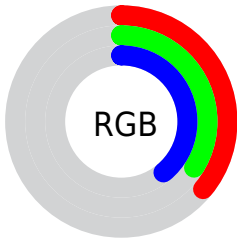
Format	Color
R_{YB}	91, 86, 99
Decimal	5985891
CIE _{Lab}	37.45, 4.84, -6.76
CIE _{LCh}	37, 8.316, 305.601
Yxy	9.7804, 0.3013, 0.2978
Android (android.graphics.Color)	4284175971 (0xFF5B5663)
YUV	88.9770, 4.9413, 1.7742
Hunter-Lab	31.2737, 1.7454, -3.0762

Details

The YIQ color **88.9770, -1.1930, 5.1030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.0230, 1.1930, -5.1030**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0910, -1.5140, 5.4140**, and **43.5640, -1.4680, 4.5800** is the 20% darker color. If you saturate the color by 10%, you get **81.3130, -2.0190, 9.0610**, and if you desaturate by 10%, it is **96.6410, -0.3670, 1.1450**.

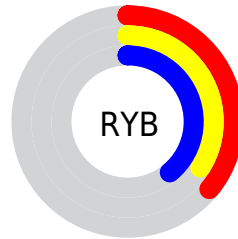
Distribution



Red (36%)

Green (34%)

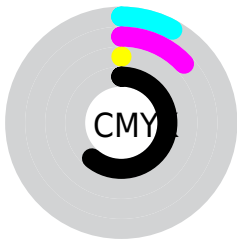
Blue (39%)



Red (36%)

Yellow (34%)

Blue (39%)

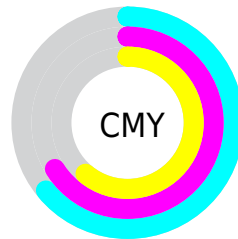


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (61%)



Cyan (64%)

Magenta (66%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9770, -1.1930, 5.1030 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 88.9770, -1.1930, 5.1030 by changing the saturation by 10% instead.

■ 88.9770, -1.1930,
5.1030

■ 88.9770, -1.1930,
5.1030

■ 255.0000, -0.0000,
-0.0000

■ 65.8630, -0.8720,
4.7920

■ 139.0910, -1.5140,
5.4140

■ 43.5640, -1.4680,
4.5800

■ 165.3900, -0.9180,
5.6260

■ 23.3360, -0.8260,
3.9580

■ 192.5040, -1.2390,
5.9370

■ 0.6840, -1.9260,
1.8660

■ 220.5040, -1.2390,
5.9370

■ 0.0000, 0.0000,
0.0000

■ 247.9340, 0.3660,
4.3820

■ 88.9770, -1.1930,
5.1030

■ 88.9770, -1.1930,
5.1030

■ 81.3130, -2.0190,
9.0610

■ 96.6410, -0.3670,
1.1450

■ 73.6490, -2.8450,
13.0190

■ 104.3050, 0.4590,
-2.8130

■ 65.9850, -3.6710,
16.9770

■ 111.9690, 1.2850,
-6.7710

■ 58.3210, -4.4970,
20.9350

■ 119.6330, 2.1110,
-10.7290

■ 51.2440, -5.5980,
24.3700

■ 126.7100, 3.2120,
-14.1640

■ 43.2810, -7.0200,
28.1160

■ 134.6730, 4.6340,
-17.9100

■ 35.6170, -7.8460,
32.0740

■ 142.3370, 5.4600,
-21.8680

■ 27.9530, -8.6720,

■ 150.0010, 6.2860,

36.0320

-25.8260

■ 22.6480, -9.1310,
38.8450

■ 157.6650, 7.1120,
-29.7840

Harmonies

Analogous

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



87.6880, -7.7490, 2.7710



88.9770, -1.1930, 5.1030



89.3260, 5.1340, 6.0780

Triad

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



88.9770, -1.1930, 5.1030



88.7470, 10.9580, -0.3540



85.6780, -10.9570, -5.1730

Complementary

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



88.9770, -1.1930, 5.1030



96.0230, 1.1930, -5.1030

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.



86.3750, -5.7300, -6.2900



88.9770, -1.1930, 5.1030



87.7140, 6.5570, -3.1950

Square

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



88.9770, -1.1930, 5.1030



89.0400, 11.6910, 2.8830



87.0230, 1.1930, -5.1030



86.1770, -13.8000, -3.2080

Rectangle

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



88.9770, -1.1930, 5.1030



89.6530, 8.5270, 5.1590



87.0230, 1.1930, -5.1030



85.7490, -9.7190, -5.5830

Sweetspot

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



88.9770, -1.1930, 5.1030



123.2820, -0.7340, 2.2900



92.1780, -6.3730, -0.1410



61.6410, -0.3670, 1.1450



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



88.9770, -1.1930, 5.1030



111.7860, -1.9730, 8.2270



90.7710, 2.3830, 6.3750



44.7550, -0.6880, 1.4560



25.6250, -10.3240, 43.9480



54.8680, -22.2080, 94.1440

Inverse Universe

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



90.7990, 5.1800, 5.2440



114.7610, 8.3430, 8.4950



94.2290, -2.3830, -6.3750



45.5380, 1.4210, 1.7810



41.3540, 44.6030, 45.2030



88.5180, 95.8530, 96.5970

Previews

White Background



This preview shows how the YIQ color 88.9770, -1.1930, 5.1030 looks on a white background.

Color Contrast Check

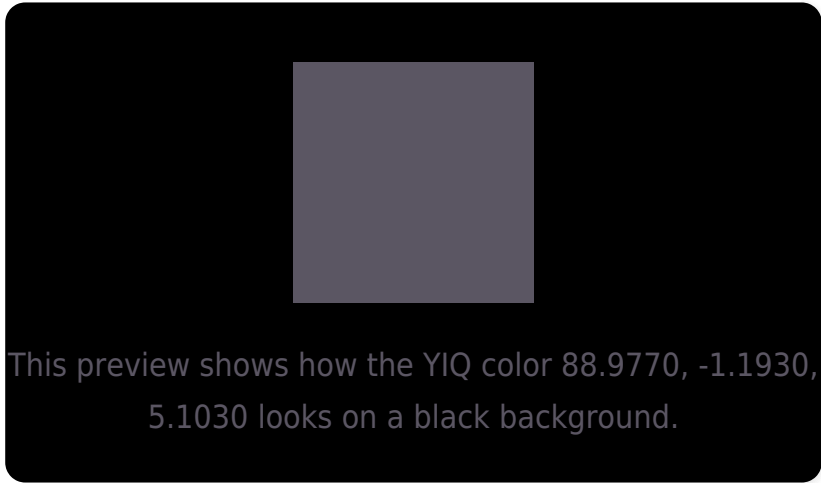
Large Text (above 18pt) WCAG AA ✓ Pass

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

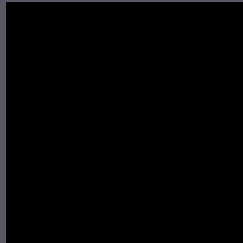
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.9770, -1.1930, 5.1030

Background



This preview shows how black text looks on a background with the YIQ color 88.9770, -1.1930, 5.1030.

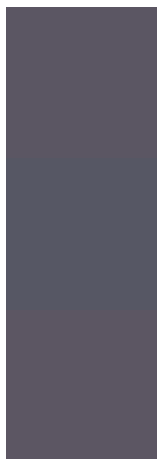


This preview shows how white text looks on a background with the YIQ color 88.9770, -1.1930,

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

88.9770, -1.1930, 5.1030

Protanopia

88.1830, -4.7690, 3.8310

Deuteranopia

89.2760, -0.5970, 5.3150



Tritanopia

88.6950, -0.4590, 2.8130

Trichromacy



Original Color

88.9770, -1.1930, 5.1030

Protanomaly

88.7810, -3.5770, 4.2550

Deuteranomaly

89.2760, -0.5970, 5.3150

Tritanomaly

88.9230, -1.1010, 3.4350

Monochromacy



Original Color

88.9770, -1.1930, 5.1030

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9770, -1.1930, 5.1030 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(91, 86, 99) looks like.

```
.text, #text, p{  
    color:rgb(91, 86, 99)  
}
```

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(91, 86, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 86, 99) }
```

Border

The CSS property to change the border of an element to YIQ 88.9770, -1.1930, 5.1030 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(91, 86, 99) }
```


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

```
.border{ border-color:rgb(91, 86, 99) }
```

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

Here you see how a box with a 4 pixel rgb(91, 86, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 86, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 86, 99);  
box-shadow:4px 4px 4px 4px rgb(91, 86, 99)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.9770, -1.1930, 5.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 86, 99) }
```

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

```
.background{ background-color: rgb(91, 86,  
99) }
```

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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