

Converting Colors

YIQ(97.7770, -58.5070, 19.5810)

Have a look what the booklet for
YIQ(97.7770, -58.5070, 19.5810)
contains.

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Color

**YIQ(97.7770, -58.5070,
19.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	3665C4
RGB	54, 101, 196
RGB Percent	21%, 40%, 77%
CMY	0.7883, 0.6038, 0.2317
CMYK	0.72, 0.48, 0.00, 0.23
HSL	220°, 57%, 49%
HSV	220°, 72%, 77%
XYZ	16.1312, 14.0771, 54.0450
YIQ	97.7770, -58.5070, 19.5810

Conversions

Conversions Part 2

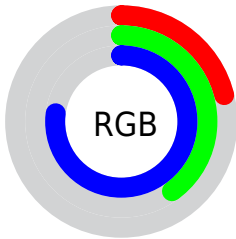
Format	Color
R_{YB}	54, 89, 196
Decimal	3564996
CIE _{Lab}	44.34, 16.73, -54.31
CIE _{LCh}	44, 56.832, 287.119
Yxy	14.0771, 0.1915, 0.1671
Android (android.graphics.Color)	4281755076 (0xFF3665C4)
YUV	97.7770, 48.4239, -38.3924
Hunter-Lab	37.5195, 11.0853, -59.1407

Details

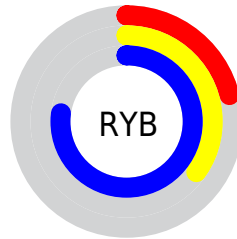
The YIQ color **97.7770, -58.5070, 19.5810** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **152.2230, 58.5070, -19.5810**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7610, -52.4100, 24.7260**, and **48.3590, -60.3860, 15.0860** is the 20% darker color. If you saturate the color by 10%, you get **84.1660, -66.8520, 22.1400**, and if you desaturate by 10%, it is **111.3880, -50.1620, 17.0220**.

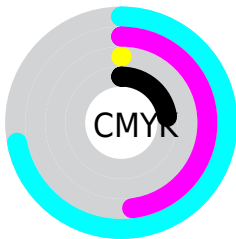
Distribution



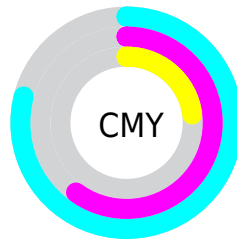
- Red (21%)
- Green (40%)
- Blue (77%)



- Red (21%)
- Yellow (35%)
- Blue (77%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)



- Cyan (79%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.7770, -58.5070, 19.5810 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 97.7770, -58.5070, 19.5810 by changing the saturation by 10% instead.

■ 97.7770, -58.5070,
19.5810

■ 97.7770, -58.5070,
19.5810

■ 255.0000, -0.0000,
-0.0000

■ 64.3510, -75.1030,
11.9770

■ 152.7610,
-52.4100, 24.7260

■ 48.3590, -60.3860,
15.0860

■ 177.8080,
-42.5970, 17.5870

■ 33.6550, -46.5400,
17.4600

■ 202.3280,
-32.7380, 9.6140

■ 19.0650, -33.0150,
20.1450

■ 227.7340,
-22.5580, 1.3300

■ 11.6330, -23.1110,
16.8650

■ 249.6180,
-10.7280, -3.8160

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 97.7770, -58.5070,
19.5810

■ 97.7770, -58.5070,
19.5810

■ 84.1660, -66.8520,
22.1400

■ 111.3880,
-50.1620, 17.0220

■ 70.8540, -74.6010,
24.9110

■ 124.7000,
-42.4130, 14.2510

■ 60.4990, -80.7910,
26.9610

■ 138.3110,
-34.0680, 11.6920

■ 151.6230,
-26.3190, 8.9210

■ 165.8210,
-18.2490, 5.8390

■ 179.4320, -9.9040,
3.2800

■ 192.7440, -2.1550,
0.5090

■ 206.3550, 6.1900,
-2.0500

■ 219.6670, 13.9390,
-4.8210

Harmonies

Analogous

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



90.5500, -95.1370, 0.5990



97.7770, -58.5070, 19.5810



107.6130, 7.1450, 41.2330

Triad

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



97.7770, -58.5070, 19.5810



99.5680, 71.7980, 9.3820



82.7230, -60.6970, -39.8730

Complementary

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



97.7770, -58.5070, 19.5810



152.2230, 58.5070, -19.5810

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.



86.2760, -20.0740, -43.7060



97.7770, -58.5070, 19.5810



98.5220, 59.1030, -19.3690

Square

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



97.7770, -58.5070, 19.5810



97.6170, 71.2430, 35.9710



95.3560, 29.6710, -36.6410



88.8960, -76.7010, -25.1570

Rectangle

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



97.7770, -58.5070, 19.5810



104.4010, 37.2210, 46.8290



95.3560, 29.6710, -36.6410



80.3120, -55.2860, -44.3260

Sweetspot

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



97.7770, -58.5070, 19.5810



215.9500, -22.9260, 8.0020



148.1840, -69.5450, -44.7210



104.3330, -13.9390, 4.8210



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.



97.7770, -58.5070, 19.5810



101.7460, -91.6120, 30.3400



77.3640, -31.2780, 49.2500



89.9010, -4.0350, 1.5410



49.4650, -66.2560, 22.3520



10.2190, -13.6180, 4.5100

Inverse Universe

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



101.8160, 69.5450, 44.7210



107.8140, 108.5580, 70.0780



172.6360, 31.2780, -49.2500



90.3320, 4.9970, 3.0530



54.1810, 78.9430, 50.6150



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 97.7770, -58.5070, 19.5810 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 97.7770, -58.5070, 19.5810 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 97.7770, -58.5070, 19.5810

Background



This preview shows how black text looks on a background with the YIQ color 97.7770, -58.5070, 19.5810.



This preview shows how white text looks on a background with the YIQ color 97.7770, -58.5070,

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

97.7770, -58.5070, 19.5810

Protanopia

97.4780, -59.1030, 19.3690

Deuteranopia

83.5400, -89.1770, 2.7190



Tritanopia

82.3420, -72.0250, -21.7930

Trichromacy



Original Color

97.7770, -58.5070, 19.5810

Protanomaly

97.4780, -59.1030, 19.3690

Deuteranomaly

88.6880, -77.6700, 8.9380

Tritanomaly

88.3510, -67.0760, -6.8520

Monochromacy



Original Color

97.7770, -58.5070, 19.5810

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9070, -21.3670, 7.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.7770, -58.5070, 19.5810 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(54, 101, 196)` looks like.

```
.text, #text, p{  
    color:rgb(54, 101, 196)  
}
```

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(54, 101, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 101, 196) }
```

Border

The CSS property to change the border of an element to YIQ 97.7770, -58.5070, 19.5810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

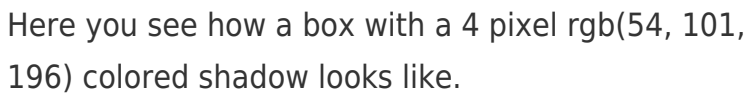
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 101, 196) }
```


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

```
.border{ border-color:rgb(54, 101, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(54, 101, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 101, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 101, 196);  
box-shadow:4px 4px 4px 4px rgb(54, 101,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 97.7770, -58.5070, 19.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 101, 196) }
```

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

```
.background{ background-color: rgb(54, 101,  
196) }
```

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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