

Converting Colors

YIQ(53.5860, -76.4820, 31.4700)

Have a look what the booklet for
YIQ(53.5860, -76.4820, 31.4700)
contains.

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Color

**YIQ(53.5860, -76.4820,
31.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	0036C0
RGB	0, 54, 192
RGB Percent	0%, 21%, 75%
CMY	0.9998, 0.7882, 0.2475
CMYK	1.00, 0.72, 0.00, 0.25
HSL	223°, 100%, 38%
HSV	223°, 100%, 75%
XYZ	10.8231, 6.4416, 50.4813
YIQ	53.5860, -76.4820, 31.4700

Conversions

Conversions Part 2

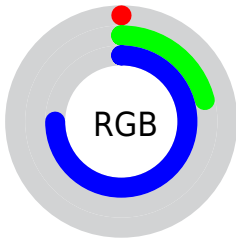
Format	Color
RYB	0, 42, 192
Decimal	14016
CIELab	30.50, 41.92, -74.62
CIELCh	31, 85.588, 299.324
Yxy	6.4416, 0.1598, 0.0951
Android (android.graphics.Color)	4278204096 (0xFF0036C0)
YUV	53.5860, 68.2381, -46.9949
Hunter-Lab	25.3803, 31.7031, -100.1612

Details

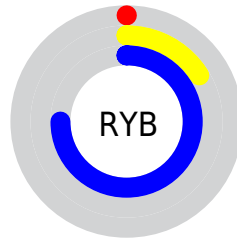
The YIQ color **53.5860, -76.4820, 31.4700** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **138.4140, 76.4820, -31.4700**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.3880, -49.0210, 45.9150**, and **23.2490, -47.5520, 35.8080** is the 20% darker color. If you saturate the color by 10%, you get **53.5860, -76.4820, 31.4700**, and if you desaturate by 10%, it is **67.4850, -69.0080, 28.1760**.

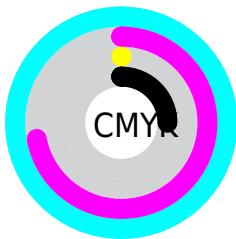
Distribution



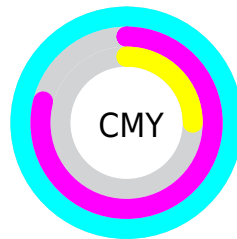
- Red (0%)
- Green (21%)
- Blue (75%)



- Red (0%)
- Yellow (16%)
- Blue (75%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (79%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.5860, -76.4820, 31.4700 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 53.5860, -76.4820, 31.4700 by changing the saturation by 10% instead.

■ 53.5860, -76.4820,
31.4700

■ 53.5860, -76.4820,
31.4700

■ 255.0000, -0.0000,
-0.0000

■ 38.0670, -61.7190,
33.7450

■ 117.3880,
-49.0210, 45.9150

■ 23.2490, -47.5520,
35.8080

■ 142.2010,
-38.4290, 41.1790

■ 12.6540, -35.6310,
34.5210

■ 166.7320,
-27.1030, 34.1530

■ 16.1470, -30.3100,
20.6820

■ 191.8500,
-16.0520, 26.6040

■ 10.4760, -21.2310,
15.8330

■ 217.2560, -5.8720,
18.3200

■ 6.0930, -13.0230,
10.2490

■ 242.9610, 4.9040,

■ 2.2970, -5.0900,

10.2480

4.1420

■ 0.0000, 0.0000,
0.0000

■ 53.5860, -76.4820,
31.4700

■ 67.4850, -69.0080,
28.1760

■ 81.3840, -61.5340,
24.8820

■ 94.9950, -53.1890,
22.3230

■ 108.8940,
-45.7150, 19.0290

■ 122.7930,
-38.2410, 15.7350

■ 136.6920,
-30.7670, 12.4410

■ 150.5910,
-23.2930, 9.1470

■ 164.2020,
-14.9480, 6.5880

■ 178.1010, -7.4740,
3.2940

Harmonies

Analogous

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



73.2480, -90.5100, 21.3780



53.5860, -76.4820, 31.4700



59.2440, 40.2420, 74.6900

Triad

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



53.5860, -76.4820, 31.4700



59.7580, 74.3190, 13.2550



63.0440, -47.9990, -27.7030

Complementary

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



53.5860, -76.4820, 31.4700



138.4140, 76.4820, -31.4700

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.



54.0040, -25.3000, -48.1160



53.5860, -76.4820, 31.4700



68.0000, 34.3900, -17.5300

Square

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



53.5860, -76.4820, 31.4700



52.7960, 98.6600, 40.1960



49.8950, -23.3750, -44.4550



71.9700, -70.3770, -7.6010

Rectangle

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



53.5860, -76.4820, 31.4700



62.4150, 70.1370, 67.0410



49.8950, -23.3750, -44.4550



60.3080, -40.2950, -35.1670

Sweetspot

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



53.5860, -76.4820, 31.4700



195.8770, -29.8500, 12.3420



128.4360, -97.0980, -57.4980



92.7610, -18.0200, 7.1960



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.



53.5860, -76.4820, 31.4700



69.5900, -99.5000, 41.1400



34.4460, -36.6000, 68.6160



89.9010, -4.0350, 1.5410



44.7690, -64.0560, 26.5360



9.0450, -13.0680, 5.5560

Inverse Universe

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



63.5640, 97.0980, 57.4980



82.7300, 126.5300, 74.7700



157.5540, 36.6000, -68.6160



90.3320, 4.9970, 3.0530



53.2690, 81.5110, 48.1270



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 53.5860, -76.4820, 31.4700 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 53.5860, -76.4820, 31.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

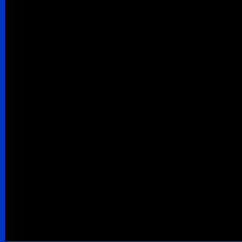
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.5860, -76.4820, 31.4700

Background



This preview shows how black text looks on a background with the YIQ color 53.5860, -76.4820, 31.4700.



This preview shows how white text looks on a background with the YIQ color 53.5860, -76.4820,

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

53.5860, -76.4820, 31.4700

Protanopia

57.1470, -65.8410, 9.3190

Deuteranopia

57.5740, -60.1540, -0.1380



Tritanopia

56.5360, -48.9640, -15.7160

Trichromacy



Original Color

53.5860, -76.4820, 31.4700

Protanomaly

56.1500, -69.9230, 17.2210

Deuteranomaly

56.3150, -66.2540, 11.2980

Tritanomaly

55.6990, -59.0080, 1.1200

Monochromacy



Original Color

53.5860, -76.4820, 31.4700

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.7200, -27.9700, 11.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.5860, -76.4820, 31.4700 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(0, 54, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 192)  
}
```

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(0, 54, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 192) }
```

Border

The CSS property to change the border of an element to YIQ 53.5860, -76.4820, 31.4700 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(0, 54, 192) }
```


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

```
.border{ border-color:rgb(0, 54, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 54, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 192)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.5860, -76.4820, 31.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 192) }
```

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

```
.background{ background-color: rgb(0, 54,  
192) }
```

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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