

Converting Colors

YIQ(74.7770, -84.8700, 18.2820)

Have a look what the booklet for
YIQ(74.7770, -84.8700, 18.2820)
contains.

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Color

**YIQ(74.7770, -84.8700,
18.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	0556C8
RGB	5, 86, 200
RGB Percent	2%, 34%, 78%
CMY	0.9803, 0.6626, 0.2161
CMYK	0.97, 0.57, 0.00, 0.22
HSL	215°, 95%, 40%
HSV	215°, 97%, 78%
XYZ	13.8054, 10.8582, 55.9454
YIQ	74.7770, -84.8700, 18.2820

Conversions

Conversions Part 2

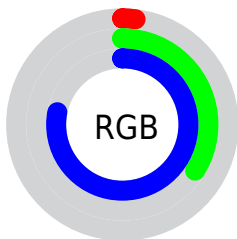
Format	Color
R_{YB}	5, 62, 200
Decimal	349896
CIE _{Lab}	39.34, 24.29, -64.77
CIE _{LCh}	39, 69.179, 290.558
Yxy	10.8582, 0.1713, 0.1347
Android (android.graphics.Color)	4278539976 (0xFF0556C8)
YUV	74.7770, 61.7349, -61.1944
Hunter-Lab	32.9518, 17.1183, -77.5961

Details

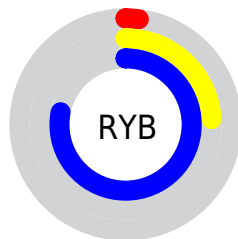
The YIQ color **74.7770, -84.8700, 18.2820** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **130.2230, 84.8700, -18.2820**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9160, -59.9760, 29.6880**, and **41.1840, -58.0950, 23.1290** is the 20% darker color. If you saturate the color by 10%, you get **71.5210, -87.0250, 18.7910**, and if you desaturate by 10%, it is **87.8010, -76.2500, 16.2460**.

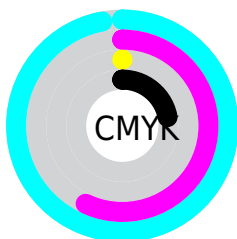
Distribution



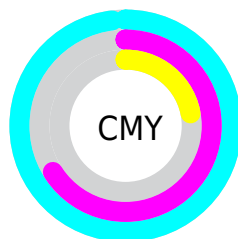
- Red (2%)
- Green (34%)
- Blue (78%)



- Red (2%)
- Yellow (24%)
- Blue (78%)



- Cyan (97%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (66%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7770, -84.8700, 18.2820 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 74.7770, -84.8700, 18.2820 by changing the saturation by 10% instead.

■ 74.7770, -84.8700,
18.2820

■ 74.7770, -84.8700,
18.2820

■ 255.0000, -0.0000,
-0.0000

■ 56.5890, -72.5370,
20.5430

■ 137.9160,
-59.9760, 29.6880

■ 41.7710, -58.3700,
22.6060

■ 162.7460,
-48.0540, 22.8740

■ 27.5400, -44.4780,
24.1460

■ 187.8640,
-37.0030, 15.3250

■ 10.6020, -29.8530,
28.9230

■ 212.9820,
-25.9520, 7.7760

■ 12.4480, -24.0280,
16.9640

■ 238.9750,
-16.0470, -1.0310

■ 6.8910, -15.2700,
12.4260

254.7010, -0.5960,

■ 3.2090, -7.6580,

-0.2120

6.6300

■ 0.0000, 0.0000,
0.0000

■ 74.7770, -84.8700,
18.2820

■ 74.7770, -84.8700,
18.2820

■ 71.5210, -87.0250,
18.7910

■ 87.8010, -76.2500,
16.2460

■ 100.2380,
-67.3550, 14.7330

■ 113.2620,
-58.7350, 12.6970

■ 126.2860,
-50.1150, 10.6610

■ 138.7230,
-41.2200, 9.1480

■ 151.7470,
-32.6000, 7.1120

■ 164.7710,
-23.9800, 5.0760

■ 177.2080,
-15.0850, 3.5630

■ 190.2320, -6.4650,
1.5270

Harmonies

Analogous

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



85.0050, -94.6800, 8.8400



74.7770, -84.8700, 18.2820



91.7810, 15.9000, 53.2760

Triad

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



74.7770, -84.8700, 18.2820



81.9190, 83.8110, 6.4270



75.7130, -54.7370, -37.7530

Complementary

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



74.7770, -84.8700, 18.2820



130.2230, 84.8700, -18.2820

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.



65.1570, -30.5250, -58.0530



74.7770, -84.8700, 18.2820



87.5800, 53.1880, -16.7960

Square

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



74.7770, -84.8700, 18.2820



62.4110, 93.1550, 57.3710



82.3100, 18.1170, -36.4990



83.0260, -73.9510, -19.9270

Rectangle

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



74.7770, -84.8700, 18.2820



77.5150, 55.2360, 67.2680



82.3100, 18.1170, -36.4990



72.8460, -48.0420, -43.4500

Sweetspot

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



74.7770, -84.8700, 18.2820



207.6330, -32.2790, 6.8010



132.4610, -90.2190, -66.5310



98.6960, -19.3950, 4.5810



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.



74.7770, -84.8700, 18.2820



91.2920, -111.0050, 23.8670



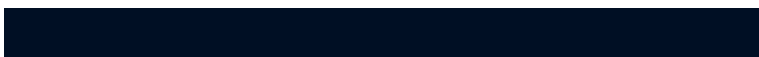
32.0140, -53.0590, 64.0370



93.3740, -3.9890, 0.7070



58.4980, -71.0230, 15.1290



12.9090, -15.6810, 3.3510

Inverse Universe

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



72.5390, 90.2190, 66.5310



88.3290, 117.9540, 87.0260



172.9860, 53.0590, -64.0370



93.1470, 4.0800, 3.1520



56.4890, 75.3200, 55.7040



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 74.7770, -84.8700, 18.2820 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 74.7770, -84.8700, 18.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

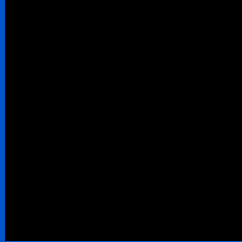
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7770, -84.8700, 18.2820

Background



This preview shows how black text looks on a background with the YIQ color 74.7770, -84.8700, 18.2820.



This preview shows how white text looks on a background with the YIQ color 74.7770, -84.8700,

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

74.7770, -84.8700, 18.2820

Protanopia

73.7890, -85.1440, 12.2320

Deuteranopia

74.2330, -78.1270, 0.6970



Tritanopia

72.8870, -63.3140, -19.9700

Trichromacy



Original Color

74.7770, -84.8700, 18.2820

Protanomaly

74.2560, -84.9610, 14.4230

Deuteranomaly

74.6660, -80.6040, 7.0440

Tritanomaly

73.7250, -71.0650, -6.1450

Monochromacy



Original Color

74.7770, -84.8700, 18.2820

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0030, -30.4450, 6.6030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7770, -84.8700, 18.2820 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(5, 86, 200)` looks like.

```
.text, #text, p{  
    color:rgb(5, 86, 200)  
}
```

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(5, 86, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 86, 200) }
```

Border

The CSS property to change the border of an element to YIQ 74.7770, -84.8700, 18.2820 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(5, 86, 200) }
```


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

```
.border{ border-color:rgb(5, 86, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 86, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 86, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 86, 200);  
box-shadow:4px 4px 4px 4px rgb(5, 86, 200)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.7770, -84.8700, 18.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 86, 200) }
```

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

```
.background{ background-color: rgb(5, 86,  
200) }
```

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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