

Converting Colors

YIQ(110.0030, -74.0030,
14.0690)

Have a look what the booklet for
YIQ(110.0030, -74.0030, 14.0690)
contains.

YIQ(110.0030, -74.0030, 14.0690)	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(110.0030, -74.0030,
14.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	3079D8
RGB	48, 121, 216
RGB Percent	19%, 47%, 85%
CMY	0.8118, 0.5254, 0.1533
CMYK	0.78, 0.44, 0.00, 0.15
HSL	214°, 68%, 52%
HSV	214°, 78%, 85%
XYZ	20.4412, 19.2630, 67.5430
YIQ	110.0030, -74.0030, 14.0690

Conversions

Conversions Part 2

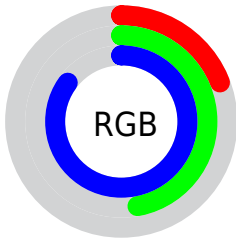
Format	Color
R_{YB}	48, 99, 216
Decimal	3176920
CIE _{Lab}	50.99, 10.80, -55.06
CIE _{LCh}	51, 56.114, 281.098
Yxy	19.2630, 0.1906, 0.1796
Android (android.graphics.Color)	4281367000 (0xFF3079D8)
YUV	110.0030, 52.2565, -54.3766
Hunter-Lab	43.8896, 6.3282, -60.5205

Details

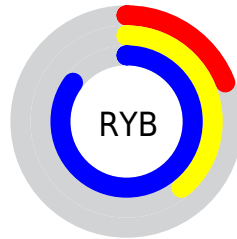
The YIQ color **110.0030, -74.0030, 14.0690** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **153.9970, 74.0030, -14.0690**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9030, -59.1020, 13.8420**, and **61.0910, -71.4350, 11.5810** is the 20% darker color. If you saturate the color by 10%, you get **96.3810, -83.8150, 15.6810**, and if you desaturate by 10%, it is **123.6250, -64.1910, 12.4570**.

Distribution



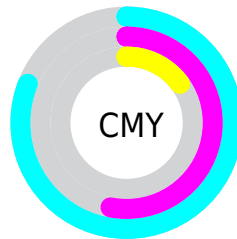
- Red (19%)
- Green (47%)
- Blue (85%)



- Red (19%)
- Yellow (39%)
- Blue (85%)



- Cyan (78%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (81%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.0030, -74.0030, 14.0690 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 110.0030, -74.0030, 14.0690 by changing the saturation by 10% instead.

■ 110.0030,
-74.0030, 14.0690

■ 110.0030,
-74.0030, 14.0690

■ 255.0000, -0.0000,
-0.0000

■ 78.3710, -87.0230,
7.7370

■ 165.9030,
-59.1020, 13.8420

■ 61.0910, -71.4350,
11.5810

■ 191.0210,
-48.0510, 6.2930

■ 45.8000, -57.3140,
14.4780

■ 216.4270,
-37.8710, -1.9910

■ 31.0960, -43.4680,
16.8520

■ 241.5450,
-26.8200, -9.5400

■ 12.9840, -28.2930,
22.6750

■ 250.5150, -8.9400,
-3.1800

■ 10.2480, -20.5890,
15.2110

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 110.0030,
-74.0030, 14.0690

■ 110.0030,
-74.0030, 14.0690

■ 96.3810, -83.8150,
15.6810

■ 123.6250,
-64.1910, 12.4570

■ 83.0580, -93.0310,
17.5050

■ 136.9480,
-54.9750, 10.6330

■ 79.8020, -95.1860,
18.0140

■ 151.1570,
-45.4380, 8.4980

■ 164.4800,
-36.2220, 6.6740

■ 178.1020,
-26.4100, 5.0620

■ 191.7240,
-16.5980, 3.4500

■ 205.0470, -7.3820,
1.6260

■ 219.2560, 2.1550,
-0.5090

■ 232.5790, 11.3710,
-2.3330

Harmonies

Analogous

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



103.4130, -105.1770, -4.6730



110.0030, -74.0030, 14.0690



125.0570, -3.0330, 38.4630

Triad

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



110.0030, -74.0030, 14.0690



117.8120, 74.2270, 14.9230



93.5000, -67.6190, -46.5870

Complementary

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



110.0030, -74.0030, 14.0690



153.9970, 74.0030, -14.0690

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.



107.1590, -6.5030, -41.8550



110.0030, -74.0030, 14.0690



116.7340, 64.5580, -13.6020

Square

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



110.0030, -74.0030, 14.0690



117.7140, 69.5920, 38.3600



112.5160, 40.9040, -36.4720



100.2600, -83.8980, -32.3940

Rectangle

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



110.0030, -74.0030, 14.0690



123.5680, 29.3810, 45.7410



112.5160, 40.9040, -36.4720



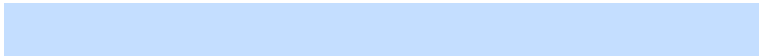
90.5020, -61.9330, -50.5170

Sweetspot

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



110.0030, -74.0030, 14.0690



217.9880, -26.0890, 4.7510



157.1040, -75.7320, -59.2520



104.9090, -15.6810, 3.3510



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.



110.0030, -74.0030, 14.0690



105.4790, -104.4020, 19.8380



69.5440, -49.1600, 53.9440



100.1890, -4.9060, 0.8060



62.9320, -75.2410, 14.4790



16.0550, -19.0280, 3.4360

Inverse Universe

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



106.5540, 76.6950, 58.3190



100.6050, 108.1890, 82.2770



194.4560, 49.1600, -53.9440



99.8590, 4.9510, 3.8870



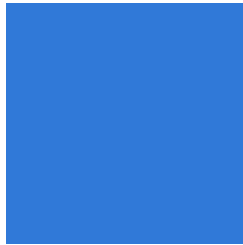
59.5650, 78.1620, 59.2660



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 110.0030, -74.0030, 14.0690 looks on a white 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

Black Background



This preview shows how the YIQ color 110.0030, -74.0030, 14.0690 looks on a black 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

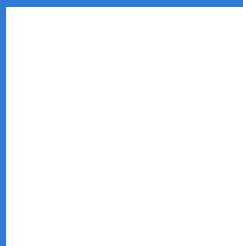
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 110.0030, -74.0030, 14.0690

Background



This preview shows how black text looks on a background with the YIQ color 110.0030, -74.0030, 14.0690.



This preview shows how white text looks on a background with the YIQ color 110.0030, -74.0030, 14.0690.

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

110.0030, -74.0030, 14.0690

Protanopia

116.4570, -54.6100, 20.5420

Deuteranopia

105.0830, -86.1520, 8.4720



Tritanopia

95.0740, -83.0740, -25.2980

Trichromacy



Original Color

110.0030, -74.0030, 14.0690

Protanomaly

113.8690, -61.7620, 17.9980

Deuteranomaly

106.5890, -81.7050, 10.4790

Tritanomaly

100.1860, -79.9130, -10.9930

Monochromacy



Original Color

110.0030, -74.0030, 14.0690

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9170, -27.3270, 5.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0030, -74.0030, 14.0690 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(48, 121, 216)` looks like.

```
.text, #text, p{  
    color:rgb(48, 121, 216)  
}
```

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(48, 121, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 121, 216) }
```

Border

The CSS property to change the border of an element to YIQ 110.0030, -74.0030, 14.0690 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(48, 121, 216) }
```


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

```
.border{ border-color:rgb(48, 121, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 121, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 121, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 121, 216);  
box-shadow:4px 4px 4px 4px rgb(48, 121,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0030, -74.0030, 14.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 121, 216) }
```

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

```
.background{ background-color: rgb(48, 121,  
216) }
```

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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