

Converting Colors

YIQ(114.8550, -76.3420,
17.9140)

Have a look what the booklet for
YIQ(114.8550, -76.3420, 17.9140)
contains.

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Color

**YIQ(114.8550, -76.3420,
17.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	357CE6
RGB	53, 124, 230
RGB Percent	21%, 49%, 90%
CMY	0.7922, 0.5136, 0.0984
CMYK	0.77, 0.46, 0.00, 0.10
HSL	216°, 78%, 55%
HSV	216°, 77%, 90%
XYZ	22.9474, 20.8867, 77.6127
YIQ	114.8550, -76.3420, 17.9140

Conversions

Conversions Part 2

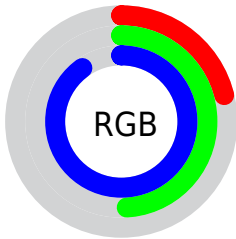
Format	Color
R _Y B	53, 104, 230
Decimal	3505382
CIE Lab	52.83, 14.68, -59.99
CIE LCh	53, 61.763, 283.749
Yxy	20.8867, 0.1890, 0.1720
Android (android.graphics.Color)	4281695462 (0xFF357CE6)
YUV	114.8550, 56.7665, -54.2468
Hunter-Lab	45.7020, 9.6481, -68.6970

Details

The YIQ color **114.8550, -76.3420, 17.9140** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **168.1450, 76.3420, -17.9140**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4580, -56.3510, 13.5450**, and **64.4480, -76.7540, 14.3660** is the 20% darker color. If you saturate the color by 10%, you get **99.7600, -86.2000, 20.3600**, and if you desaturate by 10%, it is **129.9500, -66.4840, 15.4680**.

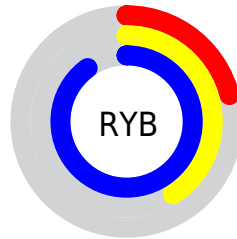
Distribution



Red (21%)

Green (49%)

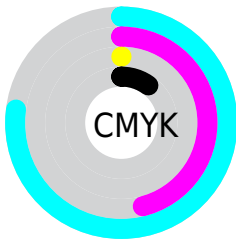
Blue (90%)



Red (21%)

Yellow (41%)

Blue (90%)

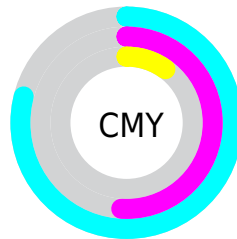


Cyan (77%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (79%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.8550, -76.3420, 17.9140 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 114.8550, -76.3420, 17.9140 by changing the saturation by 10% instead.

■ 114.8550,
-76.3420, 17.9140

■ 114.8550,
-76.3420, 17.9140

■ 255.0000, -0.0000,
-0.0000

■ 81.6140, -92.0210,
10.2110

■ 169.4580,
-56.3510, 13.5450

■ 64.4480, -76.7540,
14.3660

■ 194.5760,
-45.3000, 5.9960

■ 48.3420, -61.7160,
17.1640

■ 220.2810,
-34.5240, -2.0760

■ 34.2250, -48.1450,
19.0150

■ 243.6380,
-22.6480, -8.0560

■ 18.4610, -34.0700,
22.7460

■ 252.6080, -4.7680,
-1.6960

■ 12.6760, -24.6700,
17.5860

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 114.8550,
-76.3420, 17.9140

■ 114.8550,
-76.3420, 17.9140

■ 99.7600, -86.2000,
20.3600

■ 129.9500,
-66.4840, 15.4680

■ 85.2520, -96.3330,
22.2830

■ 145.0450,
-56.6260, 13.0220

■ 80.2240, -99.1300,
23.4140

■ 159.5530,
-46.4930, 11.0990

■ 174.6480,
-36.6350, 8.6530

■ 189.7430,
-26.7770, 6.2070

■ 204.8380,
-16.9190, 3.7610

■ 219.3460, -6.7860,
1.8380

■ 234.4410, 3.0720,
-0.6080

■ 248.0410, 9.9500,
-4.1140

Harmonies

Analogous

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



108.1720, -111.6880, -2.3120



114.8550, -76.3420, 17.9140



129.3830, 2.1010, 44.5410

Triad

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



114.8550, -76.3420, 17.9140



121.1780, 81.8840, 13.8200



98.1790, -71.1490, -48.6930

Complementary

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



114.8550, -76.3420, 17.9140



168.1450, 76.3420, -17.9140

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.



108.4630, -13.4710, -47.7350



114.8550, -76.3420, 17.9140



118.8840, 72.5830, -21.3770

Square

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



114.8550, -76.3420, 17.9140



120.1990, 78.5320, 41.5400



115.4680, 40.8590, -41.1650



105.7370, -89.6750, -32.3230

Rectangle

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



114.8550, -76.3420, 17.9140



127.4490, 37.2660, 51.5220



115.4680, 40.8590, -41.1650



94.9530, -64.8210, -53.2450

Sweetspot

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



114.8550, -76.3420, 17.9140



216.8140, -25.5390, 5.7970



168.6410, -81.7380, -60.5380



104.3220, -15.4060, 3.8740



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.



114.8550, -76.3420, 17.9140



102.5550, -101.5600, 23.4000



77.6630, -47.8770, 58.2270



107.3030, -5.2270, 1.1170



62.6700, -77.2590, 18.0130



17.5540, -21.8710, 5.4010

Inverse Universe

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



114.0170, 82.7010, 59.6050



101.0950, 109.5650, 79.3650



205.3370, 47.8770, -58.2270



107.1580, 5.5470, 4.0990



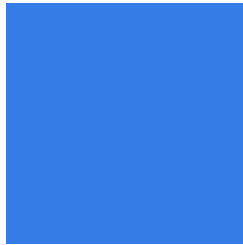
61.7290, 83.5720, 60.3400



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 114.8550, -76.3420, 17.9140 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 114.8550, -76.3420, 17.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

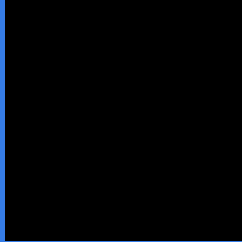
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

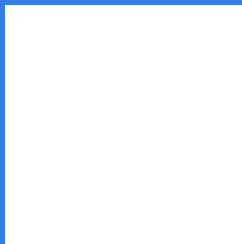
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 114.8550, -76.3420, 17.9140

Background



This preview shows how black text looks on a background with the YIQ color 114.8550, -76.3420, 17.9140.



This preview shows how white text looks on a background with the YIQ color 114.8550, -76.3420, 17.9140.

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

114.8550, -76.3420, 17.9140

Protanopia

119.4330, -63.2300, 22.5780

Deuteranopia

100.9000, -107.7460, 3.3420



Tritanopia

98.5790, -86.0540, -26.3580

Trichromacy



Original Color

114.8550, -76.3420, 17.9140

Protanomaly

118.0410, -67.9980, 20.8820

Deuteranomaly

106.1080, -96.4680, 8.2040

Tritanomaly

104.6310, -82.6640, -10.6960

Monochromacy



Original Color

114.8550, -76.3420, 17.9140

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.6720, -28.0150, 6.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.8550, -76.3420, 17.9140 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(53, 124, 230)` looks like.

```
.text, #text, p{  
    color:rgb(53, 124, 230)  
}
```

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(53, 124, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 124, 230) }
```

Border

The CSS property to change the border of an element to YIQ 114.8550, -76.3420, 17.9140 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(53, 124, 230) }
```


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

```
.border{ border-color:rgb(53, 124, 230) }
```

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

Here you see how a box with a 4 pixel rgb(53, 124, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 124, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 124, 230);  
box-shadow:4px 4px 4px 4px rgb(53, 124,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 114.8550, -76.3420, 17.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 124, 230) }
```

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

```
.background{ background-color: rgb(53, 124,  
230) }
```

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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