

Converting Colors

YIQ(126.3340, -76.4330,
14.0550)

Have a look what the booklet for
YIQ(126.3340, -76.4330, 14.0550)
contains.

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Color

**YIQ(126.3340, -76.4330,
14.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8AEB
RGB	62, 138, 235
RGB Percent	24%, 54%, 92%
CMY	0.7569, 0.4587, 0.0788
CMYK	0.74, 0.41, 0.00, 0.08
HSL	214°, 81%, 58%
HSV	214°, 74%, 92%
XYZ	26.0592, 25.2019, 82.0152
YIQ	126.3340, -76.4330, 14.0550

Conversions

Conversions Part 2

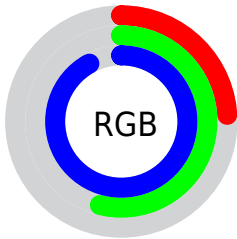
Format	Color
R _Y B	62, 115, 235
Decimal	4098795
CIE Lab	57.27, 9.00, -55.64
CIE LCh	57, 56.365, 279.183
Yxy	25.2019, 0.1955, 0.1891
Android (android.graphics.Color)	4282288875 (0xFF3E8AEB)
YUV	126.3340, 53.5723, -56.4209
Hunter-Lab	50.2015, 4.8054, -61.7221

Details

The YIQ color **126.3340, -76.4330, 14.0550** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **170.6660, 76.4330, -14.0550**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0570, -56.9000, 6.9720**, and **72.6490, -81.9340, 9.1220** is the 20% darker color. If you saturate the color by 10%, you get **111.5270, -87.1620, 15.7660**, and if you desaturate by 10%, it is **140.8420, -66.3000, 12.1320**.

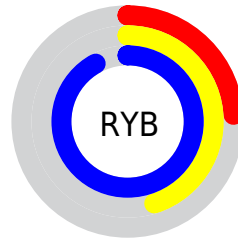
Distribution



Red (24%)

Green (54%)

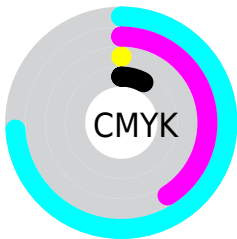
Blue (92%)



Red (24%)

Yellow (45%)

Blue (92%)

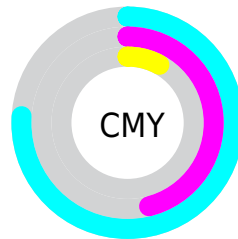


Cyan (74%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3340, -76.4330, 14.0550 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 126.3340, -76.4330, 14.0550 by changing the saturation by 10% instead.

■ 126.3340,
-76.4330, 14.0550

■ 126.3340,
-76.4330, 14.0550

■ 255.0000, -0.0000,
-0.0000

■ 89.8150, -97.2010,
4.9670

■ 180.0570,
-56.9000, 6.9720

■ 72.5350, -81.6130,
8.8110

■ 205.7620,
-46.1240, -1.1000

■ 55.9560, -66.6210,
12.4430

■ 231.4670,
-35.3480, -9.1720

■ 40.6650, -52.5000,
15.3400

■ 245.1330,
-19.6680, -6.9960

■ 26.5480, -38.9290,
17.1910

■ 254.4020, -1.1920,
-0.4240

■ 13.8330, -26.5500,
18.6180

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 126.3340,
-76.4330, 14.0550

■ 126.3340,
-76.4330, 14.0550

■ 111.5270,
-87.1620, 15.7660

■ 140.8420,
-66.3000, 12.1320

■ 97.0190, -97.2950,
17.6890

■ 155.6490,
-55.5710, 10.4210

■ 87.2510,
-103.7600, 19.2160

■ 170.7440,
-45.7130, 7.9750

■ 185.5510,
-34.9840, 6.2640

■ 200.0590,
-24.8510, 4.3410

■ 214.8660,
-14.1220, 2.6300

■ 229.3740, -3.9890,
0.7070

■ 244.1810, 6.7400,
-1.0040

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



115.3300, -115.3090, -8.2770



126.3340, -76.4330, 14.0550



141.2030, -6.3800, 38.5480

Triad

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



126.3340, -76.4330, 14.0550



134.8340, 77.1610, 16.8170



104.8470, -76.1460, -51.7460

Complementary

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



126.3340, -76.4330, 14.0550



170.6660, 76.4330, -14.0550

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.



124.3120, -2.5600, -41.7280



126.3340, -76.4330, 14.0550



133.3970, 67.1250, -10.5630

Square

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



126.3340, -76.4330, 14.0550



135.4260, 70.4630, 39.0950



129.9230, 41.3160, -32.9240



111.8350, -93.0670, -36.9310

Rectangle

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



126.3340, -76.4330, 14.0550



141.1980, 27.5470, 45.9390



129.9230, 41.3160, -32.9240



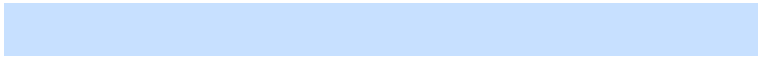
113.8090, -46.6200, -47.1960

Sweetspot

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



126.3340, -76.4330, 14.0550



220.0590, -24.8510, 4.3410



174.3810, -78.0700, -60.9340



106.6810, -15.0390, 2.7290



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.



126.3340, -76.4330, 14.0550



114.0620, -98.8540, 18.4100



84.4130, -50.1690, 55.7110



110.1890, -4.9060, 0.8060



67.5940, -80.1010, 14.4510



20.2440, -23.9340, 4.2420

Inverse Universe

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



122.3910, 78.7120, 60.3120



109.1480, 102.0460, 77.9660



212.5870, 50.1690, -55.7110



109.8590, 4.9510, 3.8870



63.2390, 82.1960, 63.2520



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 126.3340, -76.4330, 14.0550 looks on a white background.

Color Contrast Check

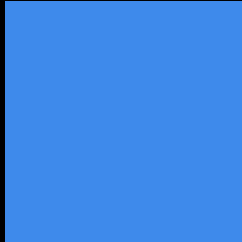
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3340, -76.4330, 14.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

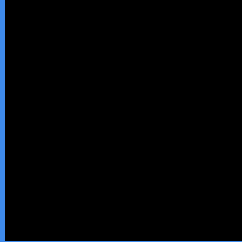
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

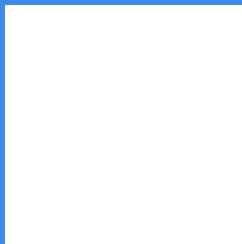
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.3340, -76.4330, 14.0550

Background



This preview shows how black text looks on a background with the YIQ color 126.3340, -76.4330, 14.0550.



This preview shows how white text looks on a background with the YIQ color 126.3340, -76.4330,

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

126.3340, -76.4330, 14.0550

Protanopia

132.6960, -53.7850, 22.1110

Deuteranopia

126.0350, -77.0290, 13.8430



Tritanopia

107.8060, -94.1230, -28.8030

Trichromacy



Original Color

126.3340, -76.4330, 14.0550

Protanomaly

130.5100, -62.1290, 19.1430

Deuteranomaly

126.0350, -77.0290, 13.8430

Tritanomaly

114.7120, -87.3860, -13.2260

Monochromacy



Original Color

126.3340, -76.4330, 14.0550

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0310, -27.6480, 5.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3340, -76.4330, 14.0550 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(62, 138, 235)` looks like.

```
.text, #text, p{  
    color:rgb(62, 138, 235)  
}
```

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(62, 138, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 138, 235) }
```

Border

The CSS property to change the border of an element to YIQ 126.3340, -76.4330, 14.0550 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(62, 138, 235) }
```


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

```
.border{ border-color:rgb(62, 138, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 138, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 138, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 138, 235);  
box-shadow:4px 4px 4px 4px rgb(62, 138,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3340, -76.4330, 14.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 138, 235) }
```

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

```
.background{ background-color: rgb(62, 138,  
235) }
```

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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