

Converting Colors

YIQ(126.3870, -65.6160,
32.7840)

Have a look what the booklet for
YIQ(126.3870, -65.6160, 32.7840)
contains.

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Color

**YIQ(126.3870, -65.6160,
32.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	547BFF
RGB	84, 123, 255
RGB Percent	33%, 48%, 100%
CMY	0.6706, 0.5176, 0.0004
CMYK	0.67, 0.52, 0.00, 0.00
HSL	226°, 100%, 66%
HSV	226°, 67%, 100%
XYZ	28.7761, 23.2688, 97.5044
YIQ	126.3870, -65.6160, 32.7840

Conversions

Conversions Part 2

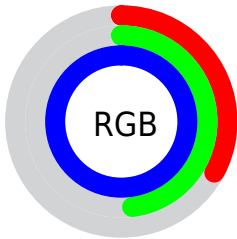
Format	Color
R _Y B	84, 116, 255
Decimal	5536767
CIE Lab	55.35, 28.20, -69.76
CIE LCh	55, 75.247, 292.013
Yxy	23.2688, 0.1924, 0.1556
Android (android.graphics.Color)	4283726847 (0xFF547BFF)
YUV	126.3870, 63.4062, -37.1734
Hunter-Lab	48.2378, 22.0675, -86.0782

Details

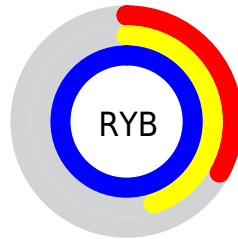
The YIQ color **126.3870, -65.6160, 32.7840** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **212.6130, 65.6160, -32.7840**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6450, -40.5800, 19.5800**, and **66.4830, -83.8620, 22.0420** is the 20% darker color. If you saturate the color by 10%, you get **107.1720, -75.0160, 37.9440**, and if you desaturate by 10%, it is **145.6020, -56.2160, 27.6240**.

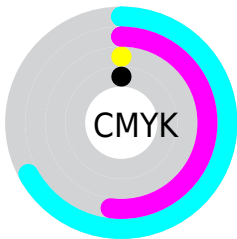
Distribution



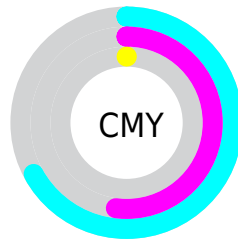
- Red (33%)
- Green (48%)
- Blue (100%)



- Red (33%)
- Yellow (45%)
- Blue (100%)



- Cyan (67%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3870, -65.6160, 32.7840 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 126.3870, -65.6160, 32.7840 by changing the saturation by 10% instead.

■ 126.3870,
-65.6160, 32.7840

■ 126.3870,
-65.6160, 32.7840

■ 255.0000, -0.0000,
-0.0000

■ 95.8480, -74.4640,
27.9360

■ 176.6450,
-40.5800, 19.5800

■ 66.4830, -83.8620,
22.0420

■ 201.7630,
-29.5290, 12.0310

■ 50.3770, -68.8240,
24.8400

■ 227.4680,
-18.7530, 3.9590

■ 36.1460, -54.9320,
26.3800

■ 251.4120, -7.1520,
-2.5440

■ 22.6160, -41.6360,
27.7080

■ 14.3690, -30.8150,
24.3290

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 126.3870,
-65.6160, 32.7840

■ 126.3870,
-65.6160, 32.7840

■ 107.1720,
-75.0160, 37.9440

■ 145.6020,
-56.2160, 27.6240

■ 88.2450, -85.2870,
42.3690

■ 164.5290,
-45.9450, 23.1990

■ 69.0300, -94.6870,
47.5290

■ 183.7440,
-36.5450, 18.0390

■ 63.1160, -97.8050,
48.9710

■ 203.2580,
-26.5490, 13.0910

■ 221.8860,
-16.8740, 8.4540

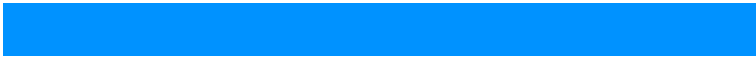
■ 241.4000, -6.8780,
3.5060

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



114.7720, -122.0050, 2.9470



126.3870, -65.6160, 32.7840



134.0470, 21.2630, 60.7110

Triad

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



126.3870, -65.6160, 32.7840



123.5800, 97.8870, 4.6310



106.6880, -79.9520, -48.8480

Complementary

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



126.3870, -65.6160, 32.7840



212.6130, 65.6160, -32.7840

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.



95.8870, -56.4280, -67.6920



126.3870, -65.6160, 32.7840



125.1130, 70.2000, -27.7520

Square

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



126.3870, -65.6160, 32.7840



118.2080, 100.6760, 47.7160



118.0270, 28.6190, -50.6210



115.0270, -102.0550, -28.2230

Rectangle

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



126.3870, -65.6160, 32.7840



126.1630, 62.1590, 68.4550



118.0270, 28.6190, -50.6210



103.4790, -72.2940, -55.4780

Sweetspot

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



126.3870, -65.6160, 32.7840



216.8580, -19.6710, 9.5850



199.3110, -89.0760, -48.6920



104.6430, -11.8760, 5.9800



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.



126.3870, -65.6160, 32.7840



101.8450, -78.4090, 38.8630



117.2480, -27.4750, 62.9330



118.2430, -4.9980, 2.4740



47.6020, -73.4110, 36.3890



16.1010, -24.6690, 12.0590

Inverse Universe

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



139.5750, 89.3970, 48.3810



117.3540, 106.4970, 57.8650



221.7520, 27.4750, -62.9330



119.2290, 6.7850, 3.6890



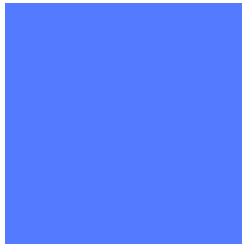
62.1250, 99.7120, 54.1760



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 126.3870, -65.6160, 32.7840 looks on a white background.

Color Contrast Check

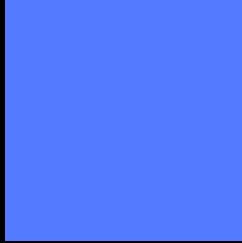
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3870, -65.6160, 32.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

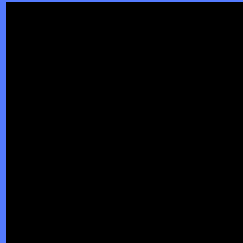
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.3870, -65.6160, 32.7840

Background



This preview shows how black text looks on a background with the YIQ color 126.3870, -65.6160, 32.7840.



This preview shows how white text looks on a background with the YIQ color 126.3870, -65.6160,

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

126.3870, -65.6160, 32.7840

Protanopia

120.3630, -83.4040, 24.7560

Deuteranopia

106.0350, -112.5600, 2.4800



Tritanopia

103.7140, -90.8680, -27.2200

Trichromacy



Original Color

126.3870, -65.6160, 32.7840

Protanomaly

122.7660, -77.1690, 27.3990

Deuteranomaly

113.7540, -95.2310, 13.3210

Tritanomaly

112.2770, -81.4270, -5.5790

Monochromacy



Original Color

126.3870, -65.6160, 32.7840

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2860, -23.7520, 11.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3870, -65.6160, 32.7840 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(84, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 123, 255)  
}
```

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(84, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 123, 255) }
```

Border

The CSS property to change the border of an element to YIQ 126.3870, -65.6160, 32.7840 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(84, 123, 255) }
```


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

```
.border{ border-color:rgb(84, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 123,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3870, -65.6160, 32.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 123, 255) }
```

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

```
.background{ background-color: rgb(84, 123,  
255) }
```

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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