

Converting Colors

YIQ(125.4000, -76.7990, 9.6730)

Have a look what the booklet for
YIQ(125.4000, -76.7990, 9.6730)
contains.

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Color

**YIQ(125.4000, -76.7990,
9.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	3A8CE3
RGB	58, 140, 227
RGB Percent	23%, 55%, 89%
CMY	0.7726, 0.4508, 0.1102
CMYK	0.74, 0.38, 0.00, 0.11
HSL	211°, 75%, 56%
HSV	211°, 74%, 89%
XYZ	24.9780, 25.2056, 76.1531
YIQ	125.4000, -76.7990, 9.6730

Conversions

Conversions Part 2

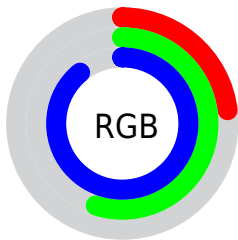
Format	Color
R _Y B	58, 113, 227
Decimal	3837155
CIE Lab	57.28, 4.42, -51.19
CIE LCh	57, 51.385, 274.939
Yxy	25.2056, 0.1977, 0.1995
Android (android.graphics.Color)	4282027235 (0xFF3A8CE3)
YUV	125.4000, 50.0888, -59.1098
Hunter-Lab	50.2052, 0.9481, -54.7897

Details

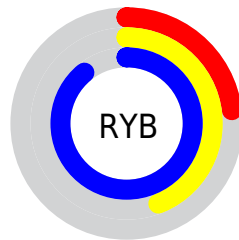
The YIQ color **125.4000, -76.7990, 9.6730** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **159.6000, 76.7990, -9.6730**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0350, -59.8340, 5.0780**, and **72.9110, -79.9160, 5.5880** is the 20% darker color. If you saturate the color by 10%, you get **111.4790, -87.2070, 11.0730**, and if you desaturate by 10%, it is **139.3210, -66.3910, 8.2730**.

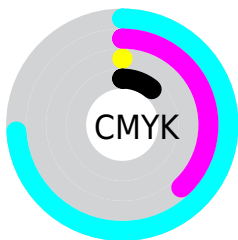
Distribution



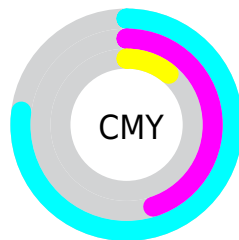
- Red (23%)
- Green (55%)
- Blue (89%)



- Red (23%)
- Yellow (44%)
- Blue (89%)



- Cyan (74%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (77%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4000, -76.7990, 9.6730 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 125.4000, -76.7990, 9.6730 by changing the saturation by 10% instead.

■ 125.4000,
-76.7990, 9.6730

■ 125.4000,
-76.7990, 9.6730

■ 255.0000, -0.0000,
-0.0000

■ 90.1910, -95.5040,
1.7440

■ 180.0350,
-59.8340, 5.0780

■ 72.9110, -79.9160,
5.5880

■ 205.7400,
-49.0580, -2.9940

■ 56.3320, -64.9240,
9.2200

■ 231.1460,
-38.8780, -11.2780

■ 40.4540, -50.5280,
12.6400

■ 243.9370,
-22.0520, -7.8440

■ 26.4510, -37.2780,
14.8020

■ 253.2060, -3.5760,
-1.2720

■ 12.4480, -24.0280,
16.9640

■ 6.8910, -15.2700,

12.4260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 125.4000,
-76.7990, 9.6730

■ 125.4000,
-76.7990, 9.6730

■ 111.4790,
-87.2070, 11.0730

■ 139.3210,
-66.3910, 8.2730

■ 98.4440, -97.2940,
12.1620

■ 152.3560,
-56.3040, 7.1840

■ 90.4480,
-103.1170, 13.0670

■ 166.2770,
-45.8960, 5.7840

■ 180.1980,
-35.4880, 4.3840

■ 193.2330,
-25.4010, 3.2950

■ 207.1540,
-14.9930, 1.8950

■ 221.0750, -4.5850,
0.4950

■ 234.4090, 6.0980,
-0.3820

■ 245.9380, 11.7380,
-3.4780

Harmonies

Analogous

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



114.0760, -111.7780, -11.6980



125.4000, -76.7990, 9.6730



140.8060, -12.7520, 32.8800

Triad

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



125.4000, -76.7990, 9.6730



136.0660, 70.6960, 18.3440



113.4970, -54.3690, -44.4250

Complementary

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



125.4000, -76.7990, 9.6730



159.6000, 76.7990, -9.6730

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.



127.0680, 4.1790, -37.2050



125.4000, -76.7990, 9.6730



134.7050, 63.5020, -5.4740

Square

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



125.4000, -76.7990, 9.6730



137.4680, 61.4770, 36.7490



132.0250, 41.2690, -26.5630



109.7490, -89.9490, -38.3730

Rectangle

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



125.4000, -76.7990, 9.6730



141.5450, 19.0200, 40.7800



132.0250, 41.2690, -26.5630



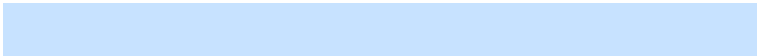
120.5940, -29.6570, -40.7370

Sweetspot

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



125.4000, -76.7990, 9.6730



221.2330, -25.4010, 3.2950



166.7790, -73.4390, -62.2630



107.2680, -15.3140, 2.2060



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.



125.4000, -76.7990, 9.6730



118.4480, -103.1170, 13.0670



77.2660, -54.2490, 52.5590



105.1890, -4.9060, 0.8060



69.9590, -79.8710, 10.2810



19.5600, -22.0080, 2.3760

Inverse Universe

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



117.8790, 74.4020, 61.3300



108.4130, 99.9820, 82.3340



207.7340, 54.2490, -52.5590



104.8590, 4.9510, 3.8870



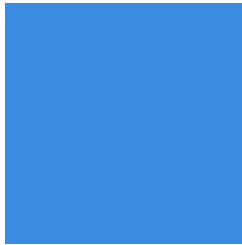
62.3140, 77.6110, 63.7470



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 125.4000, -76.7990, 9.6730 looks on a white background.

Color Contrast Check

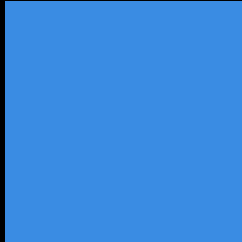
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4000, -76.7990, 9.6730 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 125.4000, -76.7990, 9.6730

Background



This preview shows how black text looks on a background with the YIQ color 125.4000, -76.7990, 9.6730.



This preview shows how white text looks on a background with the YIQ color 125.4000, -76.7990, 9.6730.

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

125.4000, -76.7990, 9.6730

Protanopia

134.3500, -46.9990, 20.2730

Deuteranopia

129.7220, -65.8420, 14.8460



Tritanopia

107.9200, -94.4440, -28.4920

Trichromacy



Original Color

125.4000, -76.7990, 9.6730

Protanomaly

130.9680, -57.7270, 16.4570

Deuteranomaly

128.2160, -70.2890, 12.8390

Tritanomaly

114.4730, -88.2110, -14.7950

Monochromacy



Original Color

125.4000, -76.7990, 9.6730

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9770, -27.5560, 3.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4000, -76.7990, 9.6730 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(58, 140, 227)` looks like.

```
.text, #text, p{  
    color:rgb(58, 140, 227)  
}
```

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(58, 140, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 140, 227) }
```

Border

The CSS property to change the border of an element to YIQ 125.4000, -76.7990, 9.6730 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(58, 140, 227) }
```


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

```
.border{ border-color:rgb(58, 140, 227) }
```

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

Here you see how a box with a 4 pixel rgb(58, 140, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 140, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 140, 227);  
box-shadow:4px 4px 4px 4px rgb(58, 140,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4000, -76.7990, 9.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 140, 227) }
```

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

```
.background{ background-color: rgb(58, 140,  
227) }
```

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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