

Converting Colors

YIQ(132.3810, -83.8150,
15.6810)

Have a look what the booklet for
YIQ(132.3810, -83.8150, 15.6810)
contains.

YIQ(132.3810, -83.8150, 15.6810)	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(132.3810, -83.8150,
15.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	3E91FC
RGB	62, 145, 252
RGB Percent	24%, 57%, 99%
CMY	0.7569, 0.4312, 0.0122
CMYK	0.75, 0.42, 0.00, 0.01
HSL	214°, 97%, 62%
HSV	214°, 75%, 99%
XYZ	29.6692, 28.3062, 95.9073
YIQ	132.3810, -83.8150, 15.6810

Conversions

Conversions Part 2

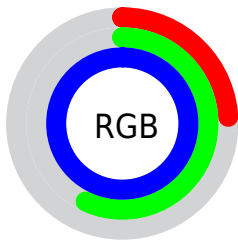
Format	Color
R _{YB}	62, 120, 252
Decimal	4100604
CIE _{Lab}	60.16, 10.88, -60.40
CIE _{LCh}	60, 61.372, 280.213
Yxy	28.3062, 0.1928, 0.1839
Android (android.graphics.Color)	4282290684 (0xFF3E91FC)
YUV	132.3810, 58.9722, -61.7241
Hunter-Lab	53.2035, 6.4351, -69.6366

Details

The YIQ color **132.3810, -83.8150, 15.6810** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **181.6190, 83.8150, -15.6810**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.0630, -57.0370, 3.9470**, and **77.9950, -88.7200, 10.9600** is the 20% darker color. If you saturate the color by 10%, you get **116.6880, -94.8650, 17.7030**, and if you desaturate by 10%, it is **148.0740, -72.7650, 13.6590**.

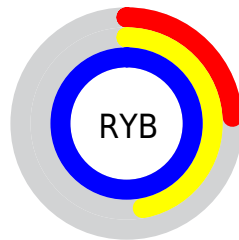
Distribution



Red (24%)

Green (57%)

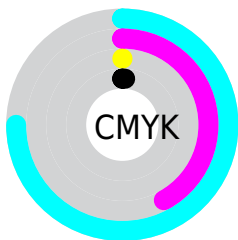
Blue (99%)



Red (24%)

Yellow (47%)

Blue (99%)

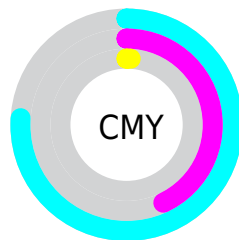


Cyan (75%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (76%)

Magenta (43%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.3810, -83.8150, 15.6810 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 132.3810, -83.8150, 15.6810 by changing the saturation by 10% instead.

■ 132.3810,
-83.8150, 15.6810

■ 132.3810,
-83.8150, 15.6810

■ 255.0000, -0.0000,
-0.0000

■ 95.8620,
-104.5830, 6.5930

■ 185.0630,
-57.0370, 3.9470

■ 77.9950, -88.7200,
10.9600

■ 211.0670,
-45.6650, -3.9130

■ 61.3020, -73.4070,
14.2810

■ 237.3590,
-35.1640, -12.5080

■ 45.8970, -58.9650,
16.8670

■ 246.6280,
-16.6880, -5.9360

■ 31.7800, -45.3940,
18.7180

■ 13.0810, -29.9440,
25.0640

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 132.3810,
-83.8150, 15.6810

■ 132.3810,
-83.8150, 15.6810

■ 116.6880,
-94.8650, 17.7030

■ 148.0740,
-72.7650, 13.6590

■ 100.9950,
-105.9150, 19.7250

■ 163.7670,
-61.7150, 11.6370

■ 93.2980,
-111.1420, 20.8420

■ 180.3460,
-50.3440, 9.3040

■ 196.0390,
-39.2940, 7.2820

■ 211.7320,
-28.2440, 5.2600

■ 227.4250,
-17.1940, 3.2380

■ 243.1180, -6.1440,
1.2160

■ 254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



122.6650, -123.5620, -7.3860



132.3810, -83.8150, 15.6810



148.7350, -4.8220, 43.3540

Triad

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



132.3810, -83.8150, 15.6810



141.3680, 84.4050, 17.6930



110.7000, -80.2260, -54.8980

Complementary

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



132.3810, -83.8150, 15.6810



181.6190, 83.8150, -15.6810

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.



129.5950, -5.0350, -46.4350



132.3810, -83.8150, 15.6810



139.9260, 72.7650, -13.6590

Square

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



132.3810, -83.8150, 15.6810



141.3670, 78.1190, 43.5190



135.5010, 45.2600, -38.3240



118.9590, -99.3480, -38.7400

Rectangle

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



132.3810, -83.8150, 15.6810



148.3990, 31.5350, 50.7590



135.5010, 45.2600, -38.3240



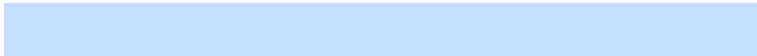
114.0520, -60.7860, -54.7860

Sweetspot

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



132.3810, -83.8150, 15.6810



217.9880, -26.0890, 4.7510



185.3860, -85.6340, -67.0260



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.



132.3810, -83.8150, 15.6810



110.5070, -101.6050, 18.7070



86.3510, -55.6260, 60.9980



117.0040, -5.8230, 0.9050



70.2670, -83.4940, 15.3700



22.8030, -27.0060, 4.8500

Inverse Universe

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



128.2720, 86.5970, 66.0930



105.2840, 104.6590, 80.1710



227.3500, 55.0300, -61.2100



116.5710, 5.8220, 4.6220



65.9730, 86.0010, 65.8810



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 132.3810, -83.8150, 15.6810 looks on a white background.

Color Contrast Check

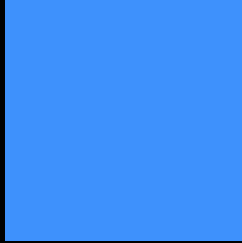
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3810, -83.8150, 15.6810 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

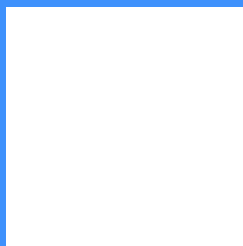
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.3810, -83.8150, 15.6810

Background



This preview shows how black text looks on a background with the YIQ color 132.3810, -83.8150, 15.6810.



This preview shows how white text looks on a background with the YIQ color 132.3810, -83.8150,

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

132.3810, -83.8150, 15.6810

Protanopia

139.3410, -59.9750, 24.1610

Deuteranopia

130.5760, -88.8580, 13.4620



Tritanopia

113.5280, -99.2120, -30.1880

Trichromacy



Original Color

132.3810, -83.8150, 15.6810

Protanomaly

136.8560, -68.9150, 20.9810

Deuteranomaly

131.4730, -87.0700, 14.0980

Tritanomaly

120.7760, -93.4380, -13.6780

Monochromacy



Original Color

132.3810, -83.8150, 15.6810

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.4760, -30.3990, 5.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3810, -83.8150, 15.6810 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, 145, 252)` looks like.

```
.text, #text, p{  
    color:rgb(62, 145, 252)  
}
```

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, 145, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 145, 252) }
```

Border

The CSS property to change the border of an element to YIQ 132.3810, -83.8150, 15.6810 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, 145, 252) }
```


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

```
.border{ border-color:rgb(62, 145, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 145, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 145, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 145, 252);  
box-shadow:4px 4px 4px 4px rgb(62, 145,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3810, -83.8150, 15.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 145, 252) }
```

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

```
.background{ background-color: rgb(62, 145,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor