

Converting Colors

YIQ(132.8230, -73.3160,
18.1400)

Have a look what the booklet for
YIQ(132.8230, -73.3160, 18.1400)
contains.

YIQ(132.8230, -73.3160, 18.1400)	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(132.8230, -73.3160,
18.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8DF5
RGB	74, 141, 245
RGB Percent	29%, 55%, 96%
CMY	0.7099, 0.4469, 0.0396
CMYK	0.70, 0.42, 0.00, 0.04
HSL	216°, 89%, 63%
HSV	216°, 70%, 96%
XYZ	28.8182, 27.0998, 90.0223
YIQ	132.8230, -73.3160, 18.1400

Conversions

Conversions Part 2

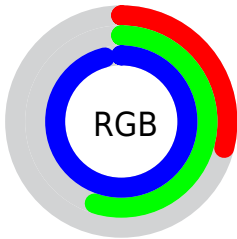
Format	Color
R _Y B	74, 122, 245
Decimal	4886005
CIE Lab	59.07, 12.34, -58.29
CIE LCh	59, 59.579, 281.953
Yxy	27.0998, 0.1975, 0.1857
Android (android.graphics.Color)	4283076085 (0xFF4A8DF5)
YUV	132.8230, 55.3033, -51.5878
Hunter-Lab	52.0575, 7.7142, -66.0891

Details

The YIQ color **132.8230, -73.3160, 18.1400** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **186.1770, 73.3160, -18.1400**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8080, -51.7650, 7.5230**, and **75.4360, -85.6480, 10.3520** is the 20% darker color. If you saturate the color by 10%, you get **116.5430, -84.0910, 20.6850**, and if you desaturate by 10%, it is **148.8040, -63.1370, 15.3830**.

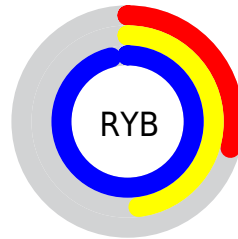
Distribution



Red (29%)

Green (55%)

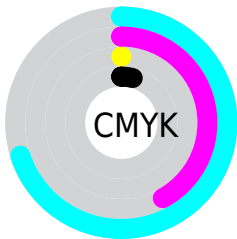
Blue (96%)



Red (29%)

Yellow (48%)

Blue (96%)

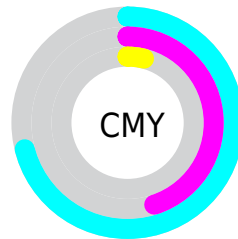


Cyan (70%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.8230, -73.3160, 18.1400 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 132.8230, -73.3160, 18.1400 by changing the saturation by 10% instead.

■ 132.8230,
-73.3160, 18.1400

■ 132.8230,
-73.3160, 18.1400

■ 255.0000, -0.0000,
-0.0000

■ 100.7890,
-85.1440, 12.2320

■ 184.8080,
-51.7650, 7.5230

■ 75.4360, -85.6480,
10.3520

■ 210.5130,
-40.9890, -0.5490

■ 58.7430, -70.3350,
13.6730

■ 236.2180,
-30.2130, -8.6210

■ 43.4520, -56.2140,
16.5700

■ 248.1230,
-13.7080, -4.8760

■ 29.3350, -42.6430,
18.4210

■ 12.3970, -28.0180,
23.1980

■ 10.2480, -20.5890,

15.2110

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 132.8230,
-73.3160, 18.1400

■ 132.8230,
-73.3160, 18.1400

■ 116.5430,
-84.0910, 20.6850

■ 148.8040,
-63.1370, 15.3830

■ 100.5620,
-94.2700, 23.4420

■ 165.0840,
-52.3620, 12.8380

■ 84.5810,
-104.4490, 26.1990

■ 181.0650,
-42.1830, 10.0810

■ 84.2820,
-105.0450, 25.9870

■ 197.3450,
-31.4080, 7.5360

■ 212.7390,
-20.9540, 5.3020

■ 229.0190,
-10.1790, 2.7570

■ 245.0000, -0.0000,
0.0000

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



119.6330, -120.5360, -7.1600



132.8230, -73.3160, 18.1400



146.4750, -1.1540, 42.9580

Triad

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



132.8230, -73.3160, 18.1400



138.8190, 81.5170, 14.9650



109.1670, -80.0430, -52.7070

Complementary

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



132.8230, -73.3160, 18.1400



186.1770, 73.3160, -18.1400

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.



126.6810, -8.1530, -44.9930



132.8230, -73.3160, 18.1400



137.4310, 69.7850, -14.7190

Square

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



132.8230, -73.3160, 18.1400



138.8890, 76.4690, 40.3810



132.9890, 40.9500, -37.3060



116.4970, -97.9270, -36.9590

Rectangle

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



132.8230, -73.3160, 18.1400



145.1280, 33.7360, 49.4160



132.9890, 40.9500, -37.3060



108.9310, -67.7550, -55.1390

Sweetspot

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



132.8230, -73.3160, 18.1400



219.4830, -23.1090, 5.8110



186.1190, -80.0880, -57.4000



106.6920, -13.5720, 3.6760



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.



132.8230, -73.3160, 18.1400



114.7040, -91.7940, 22.6220



98.5770, -44.7590, 56.7850



114.3030, -5.2270, 1.1170



64.0550, -79.7810, 19.6670



20.2270, -25.2640, 6.3200

Inverse Universe

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



132.7670, 80.4090, 57.0890



114.5620, 100.5800, 71.4920



220.4230, 44.7590, -56.7850



114.1580, 5.5470, 4.0990



63.9360, 87.4230, 62.1350



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 132.8230, -73.3160, 18.1400 looks on a white background.

Color Contrast Check

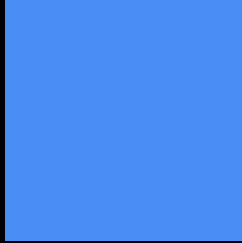
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8230, -73.3160, 18.1400 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

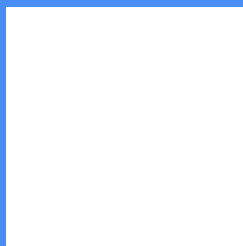
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.8230, -73.3160, 18.1400

Background



This preview shows how black text looks on a background with the YIQ color 132.8230, -73.3160, 18.1400.



This preview shows how white text looks on a background with the YIQ color 132.8230, -73.3160,

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

132.8230, -73.3160, 18.1400

Protanopia

137.2980, -58.4160, 23.4400

Deuteranopia

129.6970, -81.8890, 13.8150



Tritanopia

111.4250, -97.4240, -29.5520

Trichromacy



Original Color

132.8230, -73.3160, 18.1400

Protanomaly

135.6070, -63.7800, 21.5320

Deuteranomaly

130.6050, -78.6340, 15.3980

Tritanomaly

119.1680, -88.6700, -11.9820

Monochromacy



Original Color

132.8230, -73.3160, 18.1400

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1560, -26.5020, 6.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8230, -73.3160, 18.1400 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(74, 141, 245)` looks like.

```
.text, #text, p{  
    color:rgb(74, 141, 245)  
}
```

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(74, 141, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 141, 245) }
```

Border

The CSS property to change the border of an element to YIQ 132.8230, -73.3160, 18.1400 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(74, 141, 245) }
```


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

```
.border{ border-color:rgb(74, 141, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 141, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 141, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 141, 245);  
box-shadow:4px 4px 4px 4px rgb(74, 141,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 132.8230, -73.3160, 18.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 141, 245) }
```

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

```
.background{ background-color: rgb(74, 141,  
245) }
```

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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