

Converting Colors

YIQ(113.9780, -80.8820,
23.1020)

Have a look what the booklet for
YIQ(113.9780, -80.8820, 23.1020)
contains.

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Color

**YIQ(113.9780, -80.8820,
23.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	3379F3
RGB	51, 121, 243
RGB Percent	20%, 47%, 95%
CMY	0.8000, 0.5254, 0.0475
CMYK	0.79, 0.50, 0.00, 0.05
HSL	218°, 89%, 58%
HSV	218°, 79%, 95%
XYZ	24.3667, 20.8498, 87.4503
YIQ	113.9780, -80.8820, 23.1020

Conversions

Conversions Part 2

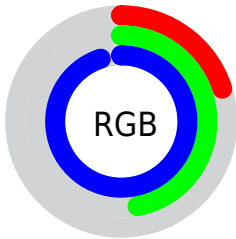
Format	Color
R _Y B	51, 102, 243
Decimal	3373555
CIE Lab	52.78, 21.14, -67.31
CIE LCh	53, 70.556, 287.439
Yxy	20.8498, 0.1837, 0.1572
Android (android.graphics.Color)	4281563635 (0xFF3379F3)
YUV	113.9780, 63.6078, -55.2317
Hunter-Lab	45.6616, 15.3463, -81.5880

Details

The YIQ color **113.9780, -80.8820, 23.1020** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **180.0220, 80.8820, -23.1020**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2950, -54.3340, 15.5380**, and **64.6420, -80.0560, 19.1440** is the 20% darker color. If you saturate the color by 10%, you get **97.9970, -91.0610, 25.8590**, and if you desaturate by 10%, it is **129.9590, -70.7030, 20.3450**.

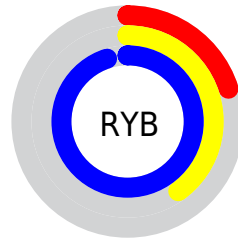
Distribution



Red (20%)

Green (47%)

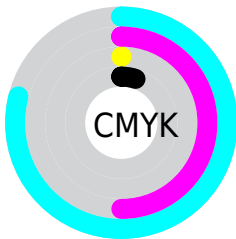
Blue (95%)



Red (20%)

Yellow (40%)

Blue (95%)

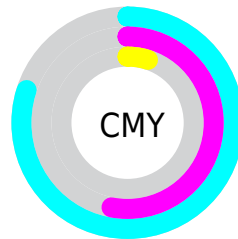


Cyan (79%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (53%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.9780, -80.8820, 23.1020 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 113.9780, -80.8820, 23.1020 by changing the saturation by 10% instead.

■ 113.9780,
-80.8820, 23.1020

■ 113.9780,
-80.8820, 23.1020

■ 255.0000, -0.0000,
-0.0000

■ 81.3350, -95.3690,
15.8230

■ 168.2950,
-54.3340, 15.5380

■ 64.6420, -80.0560,
19.1440

■ 193.7120,
-42.6870, 8.2010

■ 48.5360, -65.0180,
21.9420

■ 219.4170,
-31.9110, 0.1290

■ 34.3050, -51.1260,
23.4820

■ 244.5350,
-20.8600, -7.4200

■ 19.0140, -37.0050,
26.3790

■ 253.8040, -2.3840,
-0.8480

■ 14.9900, -28.4300,
19.6500

■ 9.3190, -19.3510,

14.8010

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 113.9780,
-80.8820, 23.1020

■ 113.9780,
-80.8820, 23.1020

■ 97.9970, -91.0610,
25.8590

■ 129.9590,
-70.7030, 20.3450

■ 81.1300,
-101.5610, 28.9270

■ 146.8260,
-60.2030, 17.2770

■ 79.9450,
-102.4780, 29.0260

■ 162.8070,
-50.0240, 14.5200

■ 179.3750,
-40.1200, 11.2400

■ 195.3560,
-29.9410, 8.4830

■ 212.2230,
-19.4410, 5.4150

■ 228.2040, -9.2620,
2.6580

■ 244.1850, 0.9170,
-0.0990

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



110.6970, -117.4200, 2.4520



113.9780, -80.8820, 23.1020



128.3720, 9.8020, 53.6580

Triad

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



113.9780, -80.8820, 23.1020



118.2730, 91.7420, 11.3740



99.6950, -72.6620, -48.8060

Complementary

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



113.9780, -80.8820, 23.1020



180.0220, 80.8820, -23.1020

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.



99.3310, -31.0750, -59.0990



113.9780, -80.8820, 23.1020



118.6450, 71.7580, -22.9460

Square

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



113.9780, -80.8820, 23.1020



113.5430, 92.4230, 48.6070



114.2390, 34.0740, -44.8540



108.1650, -93.7560, -29.9480

Rectangle

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



113.9780, -80.8820, 23.1020



122.8300, 49.7350, 62.3350



114.2390, 34.0740, -44.8540



96.7140, -65.6460, -54.8140

Sweetspot

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



113.9780, -80.8820, 23.1020



213.8680, -25.6310, 7.4650



177.6120, -91.9620, -62.4740



102.8490, -15.4520, 4.7080



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.



113.9780, -80.8820, 23.1020



92.2440, -101.8820, 29.2380



80.6620, -46.1360, 65.2240



114.3030, -5.2270, 1.1170



61.1200, -78.4060, 22.2820



19.0530, -24.7140, 7.3660

Inverse Universe

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



116.3880, 91.9620, 62.4740



95.3900, 115.9840, 78.6720



213.3380, 46.1360, -65.2240



114.1580, 5.5470, 4.0990



63.3660, 89.0280, 60.5800



20.0350, 28.4230, 19.0390

Previews

White Background



This preview shows how the YIQ color 113.9780, -80.8820, 23.1020 looks on a white background.

Color Contrast Check

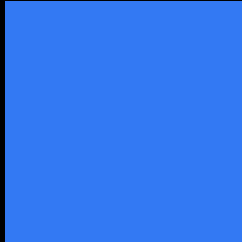
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9780, -80.8820, 23.1020 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

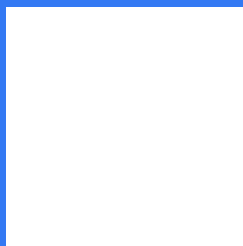
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.9780, -80.8820, 23.1020

Background



This preview shows how black text looks on a background with the YIQ color 113.9780, -80.8820, 23.1020.



This preview shows how white text looks on a background with the YIQ color 113.9780, -80.8820,

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

113.9780, -80.8820, 23.1020

Protanopia

114.2770, -80.2860, 23.3140

Deuteranopia

100.5580, -106.7830, 2.4090



Tritanopia

98.5790, -86.0540, -26.3580

Trichromacy



Original Color

113.9780, -80.8820, 23.1020

Protanomaly

114.2770, -80.2860, 23.3140

Deuteranomaly

105.2760, -96.8810, 10.1830

Tritanomaly

104.0270, -83.7190, -8.0950

Monochromacy



Original Color

113.9780, -80.8820, 23.1020

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2420, -29.6200, 8.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9780, -80.8820, 23.1020 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(51, 121, 243)` looks like.

```
.text, #text, p{  
    color:rgb(51, 121, 243)  
}
```

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(51, 121, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 121, 243) }
```

Border

The CSS property to change the border of an element to YIQ 113.9780, -80.8820, 23.1020 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(51, 121, 243) }
```


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

```
.border{ border-color:rgb(51, 121, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 121, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 121, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 121, 243);  
box-shadow:4px 4px 4px 4px rgb(51, 121,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9780, -80.8820, 23.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 121, 243) }
```

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

```
.background{ background-color: rgb(51, 121,  
243) }
```

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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