

Converting Colors

YIQ(136.5350, -81.6130, 8.8110)

Have a look what the booklet for
YIQ(136.5350, -81.6130, 8.8110)
contains.

YIQ(136.5350, -81.6130, 8.8110)	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(136.5350, -81.6130,
8.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	4099F2
RGB	64, 153, 242
RGB Percent	25%, 60%, 95%
CMY	0.7491, 0.3998, 0.0514
CMYK	0.74, 0.37, 0.00, 0.05
HSL	210°, 87%, 60%
HSV	210°, 74%, 95%
XYZ	29.5211, 30.2882, 88.2158
YIQ	136.5350, -81.6130, 8.8110

Conversions

Conversions Part 2

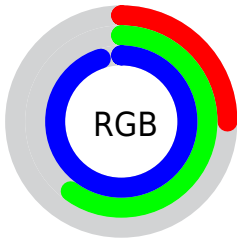
Format	Color
R _{YB}	64, 123, 242
Decimal	4233714
CIE Lab	61.90, 2.83, -52.13
CIE LCh	62, 52.211, 273.103
Yxy	30.2882, 0.1994, 0.2046
Android (android.graphics.Color)	4282423794 (0xFF4099F2)
YUV	136.5350, 51.9942, -63.6132
Hunter-Lab	55.0347, -0.5618, -56.5123

Details

The YIQ color **136.5350, -81.6130, 8.8110** 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 **169.4650, 81.6130, -8.8110**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3460, -59.5120, -0.7600**, and **81.5510, -87.7100, 3.6660** is the 20% darker color. If you saturate the color by 10%, you get **122.3150, -92.6170, 9.9990**, and if you desaturate by 10%, it is **150.7550, -70.6090, 7.6230**.

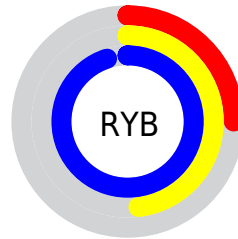
Distribution



Red (25%)

Green (60%)

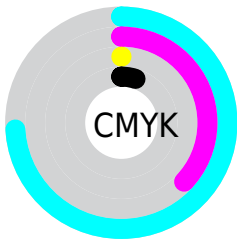
Blue (95%)



Red (25%)

Yellow (48%)

Blue (95%)

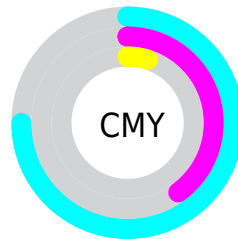


Cyan (74%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.5350, -81.6130, 8.8110 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 136.5350, -81.6130, 8.8110 by changing the saturation by 10% instead.

■ 136.5350,
-81.6130, 8.8110

■ 136.5350,
-81.6130, 8.8110

■ 255.0000, -0.0000,
-0.0000

■ 98.8310,
-103.2980, -0.1780

■ 190.3460,
-59.5120, -0.7600

■ 81.5510, -87.7100,
3.6660

■ 216.0510,
-48.7360, -8.8320

■ 64.3850, -72.4430,
7.8210

■ 237.0600,
-35.7600, -12.7200

■ 48.3930, -57.7260,
10.9300

■ 246.0300,
-17.8800, -6.3600

■ 33.2160, -43.9260,
14.1380

■ 17.4520, -29.8510,
17.8690

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 136.5350,
-81.6130, 8.8110

■ 136.5350,
-81.6130, 8.8110

■ 122.3150,
-92.6170, 9.9990

■ 150.7550,
-70.6090, 7.6230

■ 108.0950,
-103.6210, 11.1870

■ 164.9750,
-59.6050, 6.4350

■ 98.6150,
-110.9570, 11.9790

■ 179.4940,
-48.0050, 5.4590

■ 193.7140,
-37.0010, 4.2710

■ 207.9340,
-25.9970, 3.0830

■ 222.7410,
-15.2680, 1.3720

■ 236.9610, -4.2640,
0.1840

■ 250.5830, 5.5480,
-1.4280

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



123.1890, -119.5260, -14.4540



136.5350, -81.6130, 8.8110



152.3650, -15.8240, 33.4880

Triad

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



136.5350, -81.6130, 8.8110



148.2020, 73.3090, 20.5490



127.7320, -47.7210, -43.7610

Complementary

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



136.5350, -81.6130, 8.8110



169.4650, 81.6130, -8.8110

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.



139.0360, 7.2050, -36.9790



136.5350, -81.6130, 8.8110



147.2000, 66.4820, -4.4140

Square

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



136.5350, -81.6130, 8.8110



149.8210, 61.9810, 38.6290



144.4060, 44.5700, -25.8140



118.4060, -96.4130, -42.3730

Rectangle

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



136.5350, -81.6130, 8.8110



154.2890, 16.8650, 41.2890



144.4060, 44.5700, -25.8140



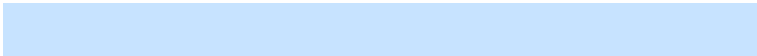
133.3340, -25.9890, -41.1330

Sweetspot

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



136.5350, -81.6130, 8.8110



221.8200, -25.6760, 2.7720



178.2900, -76.5560, -66.3480



107.8550, -15.5890, 1.6830



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.



136.5350, -81.6130, 8.8110



122.2800, -102.7040, 11.0880



86.0530, -57.9630, 53.7890



112.8900, -5.5020, 0.5940



74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Inverse Universe

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



127.3680, 77.5190, 65.4150



110.7440, 97.5520, 82.3200



219.9470, 57.9630, -53.7890



112.2720, 5.2260, 4.4100



65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 136.5350, -81.6130, 8.8110 looks on a white background.

Color Contrast Check

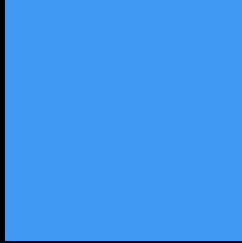
Large Text (above 18pt) WCAG AA × Fail

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 136.5350, -81.6130, 8.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

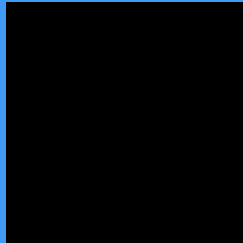
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

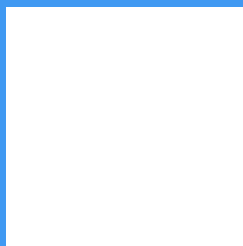
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 136.5350, -81.6130, 8.8110

Background



This preview shows how black text looks on a background with the YIQ color 136.5350, -81.6130, 8.8110.



This preview shows how white text looks on a background with the YIQ color 136.5350, -81.6130,

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

136.5350, -81.6130, 8.8110

Protanopia

146.8770, -47.0450, 21.1070

Deuteranopia

142.0750, -65.3380, 16.7260



Tritanopia

117.1470, -102.5130, -30.9370

Trichromacy



Original Color

136.5350, -81.6130, 8.8110

Protanomaly

143.2990, -60.1570, 16.4430

Deuteranomaly

139.9710, -70.9770, 14.2950

Tritanomaly

124.2980, -95.0880, -16.8160

Monochromacy



Original Color

136.5350, -81.6130, 8.8110

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7810, -29.9400, 2.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5350, -81.6130, 8.8110 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(64, 153, 242)` looks like.

```
.text, #text, p{  
    color:rgb(64, 153, 242)  
}
```

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(64, 153, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 153, 242) }
```

Border

The CSS property to change the border of an element to YIQ 136.5350, -81.6130, 8.8110 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(64, 153, 242) }
```


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

```
.border{ border-color:rgb(64, 153, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 153, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 153, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 153, 242);  
box-shadow:4px 4px 4px 4px rgb(64, 153,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5350, -81.6130, 8.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 153, 242) }
```

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

```
.background{ background-color: rgb(64, 153,  
242) }
```

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