

Converting Colors

YIQ(131.8060, -75.7870,
-8.6750)

Have a look what the booklet for
YIQ(131.8060, -75.7870, -8.6750)
contains.

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Color

**YIQ(131.8060, -75.7870,
-8.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	369EC9
RGB	54, 158, 201
RGB Percent	21%, 62%, 79%
CMY	0.7884, 0.3802, 0.2121
CMYK	0.73, 0.21, 0.00, 0.21
HSL	198°, 58%, 50%
HSV	198°, 73%, 79%
XYZ	24.2852, 29.4644, 59.6130
YIQ	131.8060, -75.7870, -8.6750

Conversions

Conversions Part 2

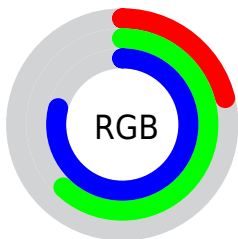
Format	Color
R_{YB}	54, 115, 201
Decimal	3579593
CIE _{Lab}	61.19, -15.44, -30.53
CIE _{LCh}	61, 34.211, 243.179
Yxy	29.4644, 0.2142, 0.2599
Android (android.graphics.Color)	4281769673 (0xFF369EC9)
YUV	131.8060, 34.1126, -68.2359
Hunter-Lab	54.2811, -15.1316, -27.1171

Details

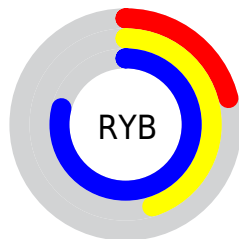
The YIQ color **131.8060, -75.7870, -8.6750** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **123.1940, 75.7870, 8.6750**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.9810, -68.9100, -6.6540**, and **79.5670, -76.6120, -10.2440** is the 20% darker color. If you saturate the color by 10%, you get **122.3040, -86.0570, -9.7770**, and if you desaturate by 10%, it is **141.3080, -65.5170, -7.5730**.

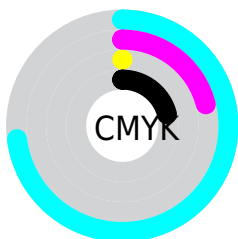
Distribution



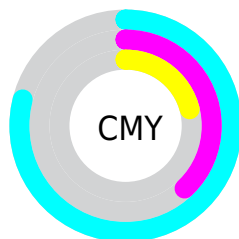
- Red (21%)
- Green (62%)
- Blue (79%)



- Red (21%)
- Yellow (45%)
- Blue (79%)



- Cyan (73%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8060, -75.7870, -8.6750 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 131.8060, -75.7870, -8.6750 by changing the saturation by 10% instead.

■ 131.8060,
-75.7870, -8.6750

■ 131.8060,
-75.7870, -8.6750

■ 255.0000, -0.0000,
-0.0000

■ 97.2060, -91.8330,
-15.2330

■ 189.9810,
-68.9100, -6.6540

■ 79.5670, -76.6120,
-10.2440

■ 215.3870,
-58.7300, -14.9380

■ 61.9280, -61.3910,
-5.2550

■ 232.5750,
-44.7000, -15.9000

■ 45.5770, -47.0410,
-1.0010

■ 241.5450,
-26.8200, -9.5400

■ 30.5140, -33.5620,
2.5180

■ 250.5150, -8.9400,
-3.1800

■ 12.6300, -19.0290,
8.9630

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 131.8060,
-75.7870, -8.6750

■ 131.8060,
-75.7870, -8.6750

■ 122.3040,
-86.0570, -9.7770

■ 141.3080,
-65.5170, -7.5730

■ 112.8020,
-96.3270, -10.8790

■ 150.8100,
-55.2470, -6.4710

■ 106.2680,
-103.5710, -11.7550

■ 160.3120,
-44.9770, -5.3690

■ 169.2270,
-34.4320, -3.7440

■ 178.7290,
-24.1620, -2.6420

■ 188.5300,
-13.2960, -1.3280

■ 198.0320, -3.0260,
-0.2260

■ 207.5340, 7.2440,
0.8760

■ 217.0360, 17.5140,
1.9780

Harmonies

Analogous

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



118.5930, -97.8370, -27.5730



131.8060, -75.7870, -8.6750



144.3530, -43.0540, 9.3460

Triad

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



131.8060, -75.7870, -8.6750



150.7270, 41.2140, 24.0140



141.9840, 4.9560, -23.7480

Complementary

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



131.8060, -75.7870, -8.6750



123.1940, 75.7870, 8.6750

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.



145.2430, 29.3920, -15.0560



131.8060, -75.7870, -8.6750



149.0680, 50.0190, 13.1150

Square

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



131.8060, -75.7870, -8.6750



151.9990, 20.0770, 27.1250



147.3580, 45.6660, -1.6140



136.7770, -25.2580, -26.8420

Rectangle

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



131.8060, -75.7870, -8.6750



148.6550, -20.1770, 18.7590



147.3580, 45.6660, -1.6140



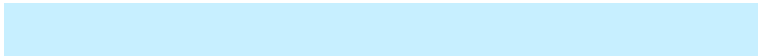
143.2410, 14.5380, -21.1900

Sweetspot

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



131.8060, -75.7870, -8.6750



228.8640, -28.9760, -3.5040



145.0770, -53.9070, -63.8190



111.9640, -17.5140, -1.9780



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.



131.8060, -75.7870, -8.6750



149.8690, -115.6290, -13.4930



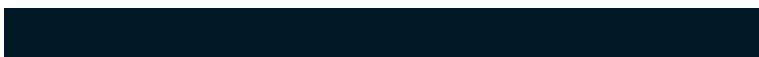
89.5420, -55.9870, 28.9810



95.1350, -4.8140, -0.8620



86.6740, -84.2230, -9.9750



18.7790, -18.4310, -1.8790

Inverse Universe

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



109.8090, 54.2280, 63.5080



116.1020, 82.4650, 96.9370



165.4580, 55.9870, -28.9810



93.4890, 3.1170, 4.0850



61.9610, 59.9120, 70.6320



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 131.8060, -75.7870, -8.6750 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 131.8060, -75.7870, -8.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

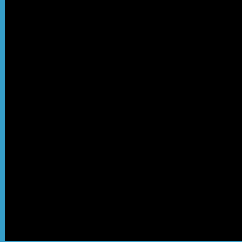
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.8060, -75.7870, -8.6750

Background



This preview shows how black text looks on a background with the YIQ color 131.8060, -75.7870, -8.6750.



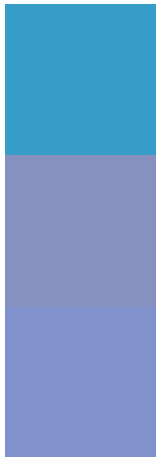
This preview shows how white text looks on a background with the YIQ color 131.8060, -75.7870, -8.6750.

-8.6750.

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

131.8060, -75.7870, -8.6750

Protanopia

146.9550, -21.3220, 11.9740

Deuteranopia

146.6430, -29.0710, 14.7450



Tritanopia

125.6120, -81.6530, -23.5170

Trichromacy



Original Color

131.8060, -75.7870, -8.6750

Protanomaly

141.6750, -41.2650, 4.4550

Deuteranomaly

141.3910, -46.2170, 6.0950

Tritanomaly

127.8560, -79.2240, -17.9760

Monochromacy



Original Color

131.8060, -75.7870, -8.6750

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.7610, -27.1880, -2.8680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8060, -75.7870, -8.6750 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(54, 158, 201)` looks like.

```
.text, #text, p{  
    color:rgb(54, 158, 201)  
}
```

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(54, 158, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 158, 201) }
```

Border

The CSS property to change the border of an element to YIQ 131.8060, -75.7870, -8.6750 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(54, 158, 201) }
```


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

```
.border{ border-color:rgb(54, 158, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 158, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 158, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 158, 201);  
box-shadow:4px 4px 4px 4px rgb(54, 158,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8060, -75.7870, -8.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 158, 201) }
```

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

```
.background{ background-color: rgb(54, 158,  
201) }
```

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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