

Converting Colors

YIQ(133.2060, -3.5760, -1.2720)

Have a look what the booklet for
YIQ(133.2060, -3.5760, -1.2720)
contains.

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Color

**YIQ(133.2060, -3.5760,
-1.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	818787
RGB	129, 135, 135
RGB Percent	51%, 53%, 53%
CMY	0.4941, 0.4706, 0.4706
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 4%, 53%
XYZ	22.0900, 23.7447, 26.3392
YIQ	133.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

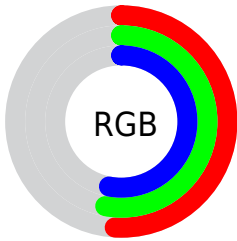
Format	Color
R_{YB}	129, 132, 135
Decimal	8488839
CIE _{Lab}	55.83, -2.20, -0.77
CIE _{LCh}	56, 2.335, 199.258
Y _{xy}	23.7447, 0.3061, 0.3290
Android (android.graphics.Color)	4286678919 (0xFF818787)
Y _{UV}	133.2060, 0.8844, -3.6887
Hunter-Lab	48.7285, -4.3560, 2.0619

Details

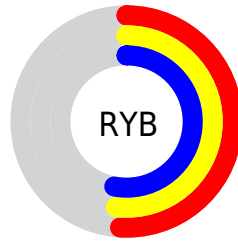
The YIQ color $133.2060, -3.5760, -1.2720$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $130.7940, 3.5760, 1.2720$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.2060, -3.5760, -1.2720$, and $83.5050, -2.9800, -1.0600$ is the 20% darker color. If you saturate the color by 10%, you get $129.0200, -11.9200, -4.2400$, and if you desaturate by 10%, it is $137.0930, 4.1720, 1.4840$.

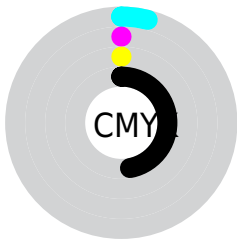
Distribution



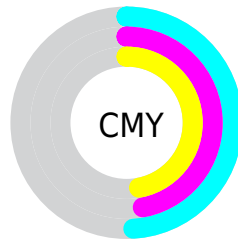
- Red (51%)
- Green (53%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.2060, -3.5760, -1.2720 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 133.2060, -3.5760, -1.2720 by changing the saturation by 10% instead.

■ 133.2060, -3.5760,
-1.2720

■ 133.2060, -3.5760,
-1.2720

■ 255.0000, -0.0000,
-0.0000

■ 108.2060, -3.5760,
-1.2720

■ 186.2060, -3.5760,
-1.2720

■ 83.5050, -2.9800,
-1.0600

■ 213.9070, -4.1720,
-1.4840

■ 60.5050, -2.9800,
-1.0600

■ 242.2060, -3.5760,
-1.2720

■ 38.5050, -2.9800,
-1.0600

■ 18.2060, -3.5760,
-1.2720

■ 0.0000, 0.0000,
0.0000

■ 133.2060, -3.5760,
-1.2720

■ 133.2060, -3.5760,
-1.2720

■ 129.0200,
-11.9200, -4.2400

■ 137.0930, 4.1720,
1.4840

■ 125.1330,
-19.6680, -6.9960

■ 141.2790, 12.5160,
4.4520

■ 120.9470,
-28.0120, -9.9640

■ 145.1660, 20.2640,
7.2080

■ 117.0600,
-35.7600, -12.7200

■ 149.3520, 28.6080,
10.1760

■ 112.8740,
-44.1040, -15.6880

■ 153.5380, 36.9520,
13.1440

■ 108.9870,
-51.8520, -18.4440

■ 157.4250, 44.7000,
15.9000

■ 104.8010,
-60.1960, -21.4120

■ 161.6110, 53.0440,
18.8680

■ 100.9140,

■ 165.4980, 60.7920,

-67.9440, -24.1680

21.6240

■ 96.7280, -76.2880,
-27.1360

■ 169.6840, 69.1360,
24.5920

Harmonies

Analogous

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



133.2770, -2.3380, -1.6820



133.2060, -3.5760, -1.2720



133.4340, -4.2180, -0.6500

Triad

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



133.2060, -3.5760, -1.2720



134.2390, 0.8250, 1.5690



133.5550, 2.7510, -0.2970

Complementary

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



133.2060, -3.5760, -1.2720



130.7940, 3.5760, 1.2720

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.



134.2670, 3.6220, 0.4380



133.2060, -3.5760, -1.2720



134.7230, 2.3380, 1.6820

Square

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



133.2060, -3.5760, -1.2720



133.5700, -1.6050, 1.5550



133.7940, 3.5760, 1.2720



133.5440, 1.2840, -1.2440

Rectangle

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



133.2060, -3.5760, -1.2720



133.1460, -3.3470, 0.0850



133.7940, 3.5760, 1.2720



133.8540, 3.3470, -0.0850

Sweetspot

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



133.2060, -3.5760, -1.2720



175.4020, -1.1920, -0.4240



132.5220, -1.6500, -3.1380



88.7010, -0.5960, -0.2120



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.2060, -3.5760, -1.2720



173.3090, -5.3640, -1.9080



131.4450, -2.7510, 0.2970



64.8040, -2.3840, -0.8480



91.1300, -77.4800, -27.5600



2.1030, -1.7880, -0.6360

Inverse Universe

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



130.7940, 3.5760, 1.2720



169.6910, 5.3640, 1.9080



132.5550, 2.7510, -0.2970



63.1960, 2.3840, 0.8480



38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 133.2060, -3.5760, -1.2720 looks on a white background.

Color Contrast Check

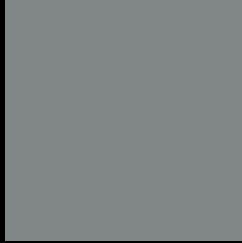
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2060, -3.5760, -1.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

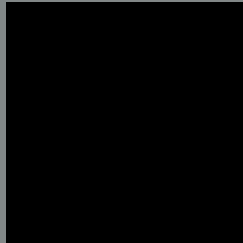
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

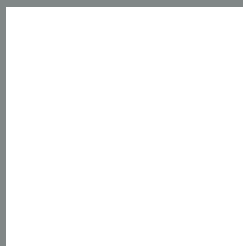
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.2060, -3.5760, -1.2720

Background



This preview shows how black text looks on a background with the YIQ color 133.2060, -3.5760, -1.2720.



This preview shows how white text looks on a background with the YIQ color 133.2060, -3.5760,

-1.2720.

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

133.2060, -3.5760, -1.2720

Protanopia

134.0110, 1.4670, 0.9470

Deuteranopia

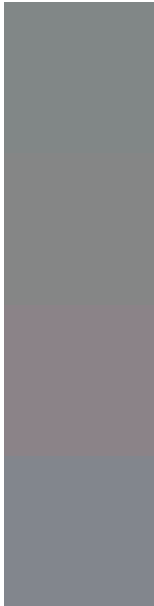
134.5820, 7.2890, 5.5690



Tritanopia

133.9440, -5.5940, 2.2620

Trichromacy



Original Color

133.2060, -3.5760, -1.2720

Protanomaly

133.7010, -0.5960, -0.2120

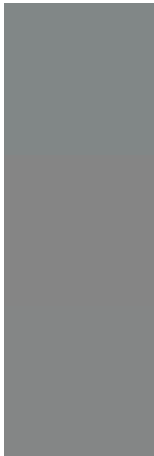
Deuteranomaly

133.9620, 3.1630, 3.2510

Tritanomaly

133.6020, -4.6310, 1.3290

Monochromacy



Original Color

133.2060, -3.5760, -1.2720

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4020, -1.1920, -0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.2060, -3.5760, -1.2720 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(129, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(129, 135, 135)  
}
```

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(129, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 135, 135) }
```

Border

The CSS property to change the border of an element to YIQ 133.2060, -3.5760, -1.2720 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(129, 135, 135) }
```


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

```
.border{ border-color:rgb(129, 135, 135) }
```

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

Here you see how a box with a 4 pixel rgb(129, 135, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(129, 135,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 133.2060, -3.5760, -1.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 135, 135) }
```

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

```
.background{ background-color: rgb(129,  
135, 135) }
```

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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