

Converting Colors

YIQ(135.7580, -13.9380,
-0.7060)

Have a look what the booklet for
YIQ(135.7580, -13.9380, -0.7060)
contains.

YIQ(135.7580, -13.9380, -0.7060)	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(135.7580, -13.9380,
-0.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8C96
RGB	122, 140, 150
RGB Percent	48%, 55%, 59%
CMY	0.5216, 0.4509, 0.4118
CMYK	0.19, 0.07, 0.00, 0.41
HSL	201°, 12%, 53%
HSV	201°, 19%, 59%
XYZ	22.9076, 25.0968, 32.4842
YIQ	135.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

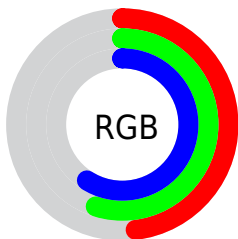
Format	Color
R_{YB}	122, 133, 150
Decimal	8031382
CIE _{Lab}	57.17, -4.23, -7.48
CIE _{LCh}	57, 8.595, 240.550
Yxy	25.0968, 0.2846, 0.3118
Android (android.graphics.Color)	4286221462 (0xFF7A8C96)
YUV	135.7580, 7.0213, -12.0658
Hunter-Lab	50.0967, -6.0467, -3.3777

Details

The YIQ color $135.7580, -13.9380, -0.7060$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $136.2420, 13.9380, 0.7060$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.4590, -14.5340, -0.9180$, and $85.9430, -13.0210, -0.8050$ is the 20% darker color. If you saturate the color by 10%, you get $128.3380, -21.5030, -1.2710$, and if you desaturate by 10%, it is $143.1780, -6.3730, -0.1410$.

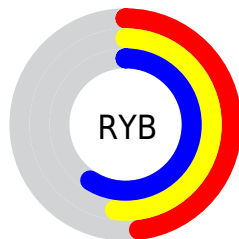
Distribution



Red (48%)

Green (55%)

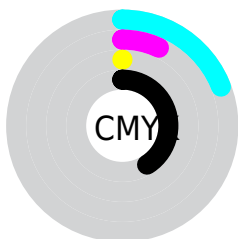
Blue (59%)



Red (48%)

Yellow (52%)

Blue (59%)

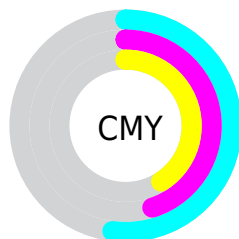


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (41%)



Cyan (52%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7580, -13.9380, -0.7060 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 135.7580, -13.9380, -0.7060 by changing the saturation by 10% instead.

■ 135.7580,
-13.9380, -0.7060

■ 135.7580,
-13.9380, -0.7060

■ 255.0000, -0.0000,
-0.0000

■ 110.6440,
-13.6170, -1.0170

■ 189.4590,
-14.5340, -0.9180

■ 85.9430, -13.0210,
-0.8050

■ 216.5730,
-14.8550, -0.6070

■ 62.8290, -12.7000,
-1.1160

■ 244.5900,
-13.5250, -2.6850

■ 40.2420, -12.4250,
-0.5930

■ 19.2310, -13.8920,
-1.5400

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,

0.0000

■ 135.7580,
-13.9380, -0.7060

■ 135.7580,
-13.9380, -0.7060

■ 128.3380,
-21.5030, -1.2710

■ 143.1780, -6.3730,
-0.1410

■ 120.3310,
-28.7930, -1.3130

■ 151.1850, 0.9170,
-0.0990

■ 112.9110,
-36.3580, -1.8780

■ 158.6050, 8.4820,
0.4660

■ 105.4910,
-43.9230, -2.4430

■ 166.0250, 16.0470,
1.0310

■ 97.4840, -51.2130,
-2.4850

■ 174.0320, 23.3370,
1.0730

■ 90.0640, -58.7780,
-3.0500

■ 181.4520, 30.9020,
1.6380

■ 82.6440, -66.3430,
-3.6150

■ 188.8720, 38.4670,
2.2030

■ 74.6370, -73.6330,
-3.6570

■ 196.8790, 45.7570,
2.2450

■ 74.0390, -74.8250,
-4.0810

■ 203.7010, 52.1300,
2.3860

Harmonies

Analogous

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



134.8780, -14.3960, -3.4200



135.7580, -13.9380, -0.7060



137.2040, -9.2620, 2.6580

Triad

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



135.7580, -13.9380, -0.7060



138.5500, 10.3150, 5.7950



136.0940, 2.4310, -5.5130

Complementary

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



135.7580, -13.9380, -0.7060



136.2420, 13.9380, 0.7060

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.



137.0840, 8.3910, -3.3930



135.7580, -13.9380, -0.7060



138.6380, 12.8830, 3.3070

Square

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



135.7580, -13.9380, -0.7060



138.5540, 4.4920, 6.7000



137.6440, 12.7460, 0.2820



135.5600, -4.8130, -6.3890

Rectangle

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



135.7580, -13.9380, -0.7060



137.7100, -4.8150, 4.6650



137.6440, 12.7460, 0.2820



136.2900, 4.8150, -4.6650

Sweetspot

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



135.7580, -13.9380, -0.7060



188.0640, -6.0520, -0.4520



139.5760, -10.9100, -11.5340



93.1460, -3.3470, 0.0850



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



135.7580, -13.9380, -0.7060



172.3380, -21.5030, -1.2710



127.5400, -10.0880, 6.6160



70.1460, -3.3470, 0.0850



67.9750, -68.7730, -3.6290



5.2490, -5.1350, -0.5510

Inverse Universe

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



132.4240, 10.9100, 11.5340



167.0490, 16.6400, 17.8240



144.4600, 10.0880, -6.6160



69.5490, 2.8880, 2.7280



51.4080, 53.6790, 56.9350



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 135.7580, -13.9380, -0.7060 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 135.7580, -13.9380, -0.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

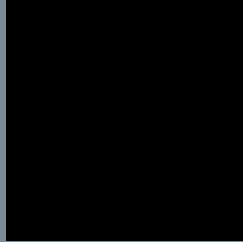
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

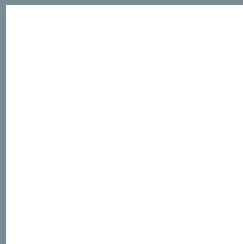
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.7580, -13.9380, -0.7060

Background



This preview shows how black text looks on a background with the YIQ color 135.7580, -13.9380, -0.7060.



This preview shows how white text looks on a background with the YIQ color 135.7580, -13.9380, -0.7060.

-0.7060.

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

135.7580, -13.9380, -0.7060

Protanopia

137.3680, -3.8520, 3.7320

Deuteranopia

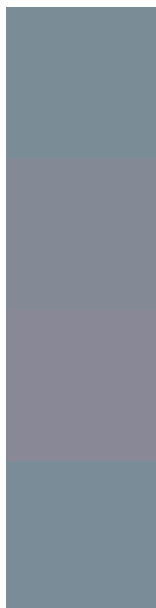
138.3410, 0.7780, 7.9300



Tritanopia

135.8720, -14.2590, -0.3950

Trichromacy



Original Color

135.7580, -13.9380, -0.7060

Protanomaly

136.5740, -7.4280, 2.4600

Deuteranomaly

137.7100, -4.8150, 4.6650

Tritanomaly

135.8720, -14.2590, -0.3950

Monochromacy



Original Color

135.7580, -13.9380, -0.7060

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.6620, -4.8600, -0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7580, -13.9380, -0.7060 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(122, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 150)  
}
```

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(122, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 150) }
```

Border

The CSS property to change the border of an element to YIQ 135.7580, -13.9380, -0.7060 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(122, 140, 150) }
```


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

```
.border{ border-color:rgb(122, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7580, -13.9380, -0.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 150) }
```

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

```
.background{ background-color: rgb(122,  
140, 150) }
```

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