

Converting Colors

YIQ(132.3680, -13.0200,
-6.3320)

Have a look what the booklet for
YIQ(132.3680, -13.0200, -6.3320)
contains.

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Color

**YIQ(132.3680, -13.0200,
-6.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	748C88
RGB	116, 140, 136
RGB Percent	45%, 55%, 53%
CMY	0.5452, 0.4509, 0.4667
CMYK	0.17, 0.00, 0.03, 0.45
HSL	170°, 9%, 50%
HSV	170°, 17%, 55%
XYZ	21.0230, 24.2483, 26.8603
YIQ	132.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

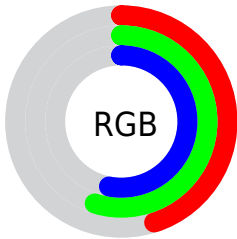
Format	Color
R _Y B	116, 129, 140
Decimal	7638152
CIE Lab	56.34, -9.41, -0.72
CIE LCh	56, 9.437, 184.358
Yxy	24.2483, 0.2915, 0.3362
Android (android.graphics.Color)	4285828232 (0xFF748C88)
YUV	132.3680, 1.7906, -14.3547
Hunter-Lab	49.2426, -9.9678, 2.1289

Details

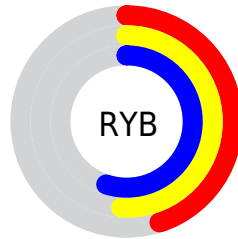
The YIQ color $132.3680, -13.0200, -6.3320$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $123.6320, 13.0200, 6.3320$, and the grayscale version is $132.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $185.6560, -13.8910, -7.0670$, and $82.6670, -12.4240, -6.1200$ is the 20% darker color. If you saturate the color by 10%, you get $127.9540, -20.7220, -9.9220$, and if you desaturate by 10%, it is $136.7820, -5.3180, -2.7420$.

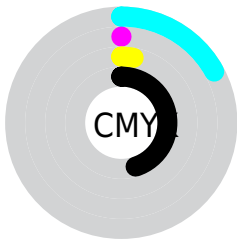
Distribution



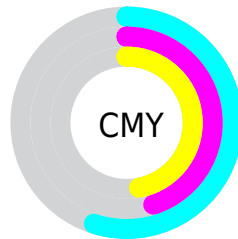
- Red (45%)
- Green (55%)
- Blue (53%)



- Red (45%)
- Yellow (51%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.3680, -13.0200, -6.3320 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 132.3680, -13.0200, -6.3320 by changing the saturation by 10% instead.

■ 132.3680,
-13.0200, -6.3320

■ 132.3680,
-13.0200, -6.3320

■ 255.0000, -0.0000,
-0.0000

■ 106.7810,
-12.7450, -5.8090

■ 185.6560,
-13.8910, -7.0670

■ 82.6670, -12.4240,
-6.1200

■ 213.0690,
-13.6160, -6.5440

■ 59.3790, -11.5530,
-5.3850

■ 241.6560,
-13.8910, -7.0670

■ 37.3790, -11.5530,
-5.3850

■ 254.1030, -1.7880,
-0.6360

■ 16.4820, -13.3410,
-6.0210

■ 0.0000, 0.0000,
0.0000

■ 132.3680,
-13.0200, -6.3320

■ 132.3680,
-13.0200, -6.3320

■ 127.9540,
-20.7220, -9.9220

■ 136.7820, -5.3180,
-2.7420

■ 123.4260,
-28.1030, -13.8230

■ 141.3100, 2.0630,
1.1590

■ 119.0120,
-35.8050, -17.4130

■ 145.7240, 9.7650,
4.7490

■ 114.5980,
-43.5070, -21.0030

■ 150.1380, 17.4670,
8.3390

■ 110.0700,
-50.8880, -24.9040

■ 154.6660, 24.8480,
12.2400

■ 105.6560,
-58.5900, -28.4940

■ 159.0800, 32.5500,
15.8300

■ 101.2420,
-66.2920, -32.0840

■ 163.4940, 40.2520,
19.4200

■ 96.7140, -73.6730,

■ 168.0220, 47.6330,

-35.9850

23.3210

■ 95.5180, -76.0570,
-36.8330

■ 172.4360, 55.3350,
26.9110

Harmonies

Analogous

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



132.6630, -6.6010, -7.0250



132.3680, -13.0200, -6.3320



132.9810, -16.1840, -4.0560

Triad

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



132.3680, -13.0200, -6.3320



136.3190, -2.1560, 6.0360



135.5300, 13.0670, -0.0290

Complementary

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



132.3680, -13.0200, -6.3320



123.6320, 13.0200, 6.3320

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.



136.1220, 14.3960, 3.4200



132.3680, -13.0200, -6.3320



136.4510, 6.2800, 7.3360

Square

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



132.3680, -13.0200, -6.3320



134.7310, -9.3080, 3.4920



137.0340, 11.8280, 5.9080



134.9700, 8.7120, -3.7040

Rectangle

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



132.3680, -13.0200, -6.3320



133.4480, -16.0010, -1.8650



137.0340, 11.8280, 5.9080



135.6550, 14.2130, 1.2290

Sweetspot

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



132.3680, -13.0200, -6.3320



178.1950, -5.0430, -2.2190



131.2840, -4.2160, -11.7040



90.0920, -3.2550, -1.5830



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



132.3680, -13.0200, -6.3320



168.9540, -20.7220, -9.9220



128.1280, -12.1040, -0.9040



66.7930, -3.8510, -1.7950



90.6110, -71.8850, -35.3490



3.3910, -2.6590, -1.3710

Inverse Universe

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



123.6320, 13.0200, 6.3320



155.0460, 20.7220, 9.9220



127.8720, 12.1040, 0.9040



64.2070, 3.8510, 1.7950



42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 132.3680, -13.0200, -6.3320 looks on a white background.

Color Contrast Check

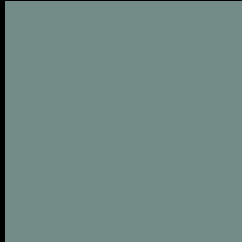
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3680, -13.0200, -6.3320 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 132.3680, -13.0200, -6.3320

Background



This preview shows how black text looks on a background with the YIQ color 132.3680, -13.0200, -6.3320.



This preview shows how white text looks on a background with the YIQ color 132.3680, -13.0200, -6.3320.

-6.3320.

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

132.3680, -13.0200, -6.3320

Protanopia

135.0820, 2.7050, 0.5370

Deuteranopia

136.2830, 6.6930, 5.3570



Tritanopia

133.2740, -15.4510, -0.8190

Trichromacy



Original Color

132.3680, -13.0200, -6.3320

Protanomaly

133.9780, -2.9340, -1.8940

Deuteranomaly

134.6410, -0.3670, 1.1450

Tritanomaly

132.9920, -14.7170, -3.1090

Monochromacy



Original Color

132.3680, -13.0200, -6.3320

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0810, -4.7220, -2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3680, -13.0200, -6.3320 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(116, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 140, 136)  
}
```

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(116, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 140, 136) }
```

Border

The CSS property to change the border of an element to YIQ 132.3680, -13.0200, -6.3320 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(116, 140, 136) }
```


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

```
.border{ border-color:rgb(116, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(116, 140,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3680, -13.0200, -6.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 140, 136) }
```

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

```
.background{ background-color: rgb(116,  
140, 136) }
```

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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