

Converting Colors

YIQ(132.6750, -16.0430,
-23.1390)

Have a look what the booklet for
YIQ(132.6750, -16.0430, -23.1390)
contains.

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Color

**YIQ(132.6750, -16.0430,
-23.1390)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 67986F |
| RGB | 103, 152, 111 |
| RGB Percent | 40%, 60%, 44% |
| CMY | 0.5962, 0.4038, 0.5647 |
| CMYK | 0.32, 0.00, 0.27, 0.40 |
| HSL | 130°, 19%, 50% |
| HSV | 130°, 32%, 60% |
| XYZ | 19.6897, 26.4921, 19.1123 |
| YIQ | 132.6750, -16.0430, -23.1390 |

Conversions

Conversions Part 2

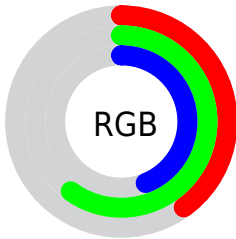
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 103, 145, 152 |
| Decimal | 6789231 |
| CIELab | 58.50, -25.28, 16.47 |
| CIElCh | 59, 30.168, 146.915 |
| Yxy | 26.4921, 0.3016, 0.4057 |
| Android (android.graphics.Color) | 4284979311 (0xFF67986F) |
| YUV | 132.6750, -10.6858, -26.0250 |
| Hunter-Lab | 51.4704, -21.7891, 14.0134 |

Details

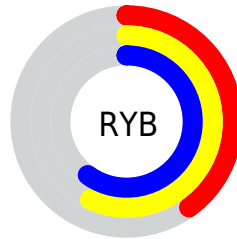
The YIQ color $132.6750, -16.0430, -23.1390$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $122.3250, 16.0430, 23.1390$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.4360, -16.8680, -24.7080$, and $82.3160, -16.4100, -21.9940$ is the 20% darker color. If you saturate the color by 10%, you get $126.7080, -20.8100, -30.3620$, and if you desaturate by 10%, it is $138.6420, -11.2760, -15.9160$.

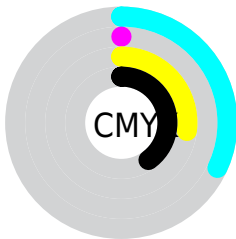
Distribution



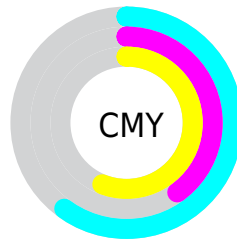
- Red (40%)
- Green (60%)
- Blue (44%)



- Red (40%)
- Yellow (57%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.6750, -16.0430, -23.1390 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 132.6750, -16.0430, -23.1390 by changing the saturation by 10% instead.

■ 132.6750,
-16.0430, -23.1390

■ 132.6750,
-16.0430, -23.1390

■ 255.0000, -0.0000,
-0.0000

■ 107.0880,
-15.7680, -22.6160

■ 186.4360,
-16.8680, -24.7080

■ 82.3160, -16.4100,
-21.9940

■ 214.3220,
-16.5470, -25.0190

■ 57.9570, -16.7770,
-20.8490

■ 237.6260,
-14.3470, -20.8350

■ 33.9890, -19.8030,
-21.0750

■ 249.1900, -6.6470,
-6.1910

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 132.6750,
-16.0430, -23.1390

■ 132.6750,
-16.0430, -23.1390

■ 126.7080,
-20.8100, -30.3620

■ 138.6420,
-11.2760, -15.9160

■ 120.8550,
-25.8980, -37.2740

■ 144.4950, -6.1880,
-9.0040

■ 114.5890,
-31.2610, -44.7090

■ 150.7610, -0.8250,
-1.5690

■ 108.6220,
-36.0280, -51.9320

■ 156.7280, 3.9420,
5.6540

■ 102.6550,
-40.7950, -59.1550

■ 162.6950, 8.7090,
12.8770

■ 96.8020, -45.8830,
-66.0670

■ 168.5480, 13.7970,
19.7890

■ 92.0740, -49.8250,
-71.7210

■ 174.5150, 18.5640,
27.0120

■ 180.7810, 23.9270,

34.4470

 186.6340, 29.0150,
41.3590

Harmonies

Analogous

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



136.3700, 9.8610, -19.0270



132.6750, -16.0430, -23.1390



127.5330, -44.8820, -23.6180

Triad

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



132.6750, -16.0430, -23.1390



136.1310, -42.5490, 5.6990



142.4740, 43.0040, 13.5960

Complementary

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



132.6750, -16.0430, -23.1390



122.3250, 16.0430, 23.1390

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.



143.9540, 33.1450, 21.5690



132.6750, -16.0430, -23.1390



142.5370, -14.0330, 17.5430

Square

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



132.6750, -16.0430, -23.1390



126.9550, -66.0210, -9.4530



144.7700, 13.2920, 23.4360



141.1990, 41.8600, 1.2840

Rectangle

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



132.6750, -16.0430, -23.1390



123.9040, -61.9840, -22.0480



144.7700, 13.2920, 23.4360



143.2120, 40.9860, 17.1300

Sweetspot

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



132.6750, -16.0430, -23.1390



191.0820, -6.4630, -9.5270



144.3210, 11.5570, -16.7230



94.5710, -3.3460, -5.4420



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



132.6750, -16.0430, -23.1390



168.2680, -25.6230, -36.7510



135.4110, -23.7470, -15.6750



73.8100, -2.5210, -3.8730



84.8020, -45.8830, -66.0670



7.8590, -4.2170, -6.1770

Inverse Universe

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



122.3250, 16.0430, 23.1390



151.7320, 25.6230, 36.7510



119.5890, 23.7470, 15.6750



72.0760, 2.8420, 3.5620



55.1980, 45.8830, 66.0670



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 132.6750, -16.0430, -23.1390 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 132.6750, -16.0430, -23.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

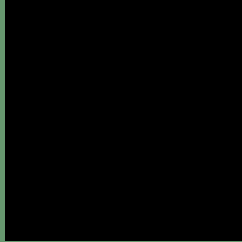
Any Text WCAG AA ✓ Pass

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 132.6750, -16.0430, -23.1390 Background



This preview shows how black text looks on a background with the YIQ color 132.6750, -16.0430, -23.1390.



This preview shows how white text looks on a background with the YIQ color 132.6750, -16.0430, -23.1390.

-23.1390.

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

132.6750, -16.0430, -23.1390

Protanopia

139.0000, 17.1950, -8.7650

Deuteranopia

140.7930, 22.5120, -0.4960



Tritanopia

137.2020, -24.1160, -3.4760

Trichromacy



Original Color

132.6750, -16.0430, -23.1390

Protanomaly

136.4930, 5.3210, -13.8390

Deuteranomaly

137.9220, 8.6670, -8.3970

Tritanomaly

135.5410, -20.9970, -10.4450

Monochromacy



Original Color

132.6750, -16.0430, -23.1390

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9080, -5.9130, -8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.6750, -16.0430, -23.1390 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(103, 152, 111)` looks like.

```
.text, #text, p{  
    color:rgb(103, 152, 111)  
}
```

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(103, 152, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 152, 111) }
```

Border

The CSS property to change the border of an element to YIQ 132.6750, -16.0430, -23.1390 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

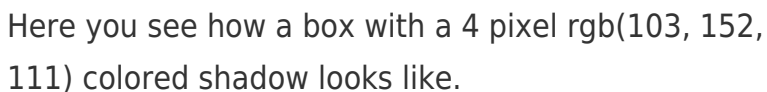
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 152, 111) }
```


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

```
.border{ border-color:rgb(103, 152, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 152, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 152, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 152, 111);  
box-shadow:4px 4px 4px 4px rgb(103, 152,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 132.6750, -16.0430, -23.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 152, 111) }
```

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

```
.background{ background-color: rgb(103,  
152, 111) }
```

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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