

Converting Colors

YIQ(137.7950, -33.6960,
-17.0880)

Have a look what the booklet for
YIQ(137.7950, -33.6960, -17.0880)
contains.

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Color

**YIQ(137.7950, -33.6960,
-17.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9E92
RGB	95, 158, 146
RGB Percent	37%, 62%, 57%
CMY	0.6276, 0.3803, 0.4276
CMYK	0.40, 0.00, 0.08, 0.38
HSL	169°, 25%, 50%
HSV	169°, 40%, 62%
XYZ	22.1324, 28.9678, 31.6060
YIQ	137.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

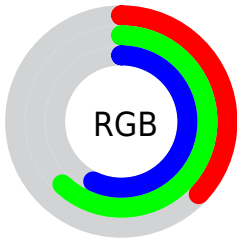
Format	Color
R _Y B	95, 130, 158
Decimal	6266514
CIE Lab	60.75, -23.22, -0.09
CIE LCh	61, 23.224, 180.224
Yxy	28.9678, 0.2676, 0.3502
Android (android.graphics.Color)	4284456594 (0xFF5F9E92)
YUV	137.7950, 4.0451, -37.5312
Hunter-Lab	53.8218, -20.7861, 2.8581

Details

The YIQ color **137.7950, -33.6960, -17.0880** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.2050, 33.6960, 17.0880**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0830, -34.5670, -17.8230**, and **86.0230, -34.3380, -16.4660** is the 20% darker color. If you saturate the color by 10%, you get **132.6690, -42.2690, -21.4130**, and if you desaturate by 10%, it is **142.9210, -25.1230, -12.7630**.

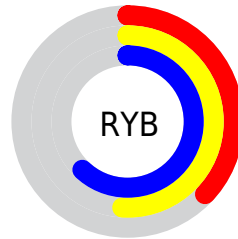
Distribution



Red (37%)

Green (62%)

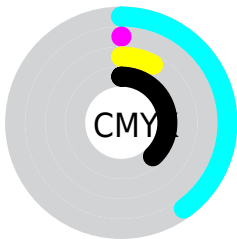
Blue (57%)



Red (37%)

Yellow (51%)

Blue (62%)

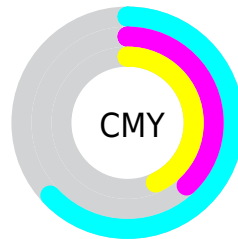


Cyan (40%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7950, -33.6960, -17.0880 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 137.7950, -33.6960, -17.0880 by changing the saturation by 10% instead.

■ 137.7950,
-33.6960, -17.0880

■ 137.7950,
-33.6960, -17.0880

■ 255.0000, -0.0000,
-0.0000

■ 111.7950,
-33.6960, -17.0880

■ 192.0830,
-34.5670, -17.8230

■ 85.7240, -34.9340,
-16.6780

■ 220.0830,
-34.5670, -17.8230

■ 59.6310, -39.1060,
-18.1620

■ 239.7510,
-30.3960, -10.8120

■ 39.7460, -32.0000,
-14.7840

■ 248.4220,
-13.1120, -4.6640

■ 25.0250, -19.4840,
-10.3320

■ 3.2770, -2.3380,
-1.6820

■ 0.0000, 0.0000,

0.0000

■ 137.7950,
-33.6960, -17.0880

■ 137.7950,
-33.6960, -17.0880

■ 132.6690,
-42.2690, -21.4130

■ 142.9210,
-25.1230, -12.7630

■ 127.5430,
-50.8420, -25.7380

■ 148.0470,
-16.5500, -8.4380

■ 122.7160,
-58.8190, -29.8510

■ 152.8740, -8.5730,
-4.3250

■ 117.5900,
-67.3920, -34.1760

■ 158.0000, -0.0000,
0.0000

■ 112.4640,
-75.9650, -38.5010

■ 163.1260, 8.5730,
4.3250

■ 107.3380,
-84.5380, -42.8260

■ 168.2520, 17.1460,
8.6500

■ 173.3780, 25.7190,
12.9750

■ 178.2050, 33.6960,
17.0880

■ 183.3310, 42.2690,
21.4130

Harmonies

Analogous

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



140.6200, -14.2100, -17.8100



137.7950, -33.6960, -17.0880



136.4980, -45.8010, -12.4650

Triad

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



137.7950, -33.6960, -17.0880



148.3650, -7.7970, 14.6590



146.9960, 32.1860, 0.3940

Complementary

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



137.7950, -33.6960, -17.0880



115.2050, 33.6960, 17.0880

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.



148.7610, 34.7060, 9.7940



137.7950, -33.6960, -17.0880



150.0100, 12.3760, 18.0080

Square

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



137.7950, -33.6960, -17.0880



144.3730, -28.6110, 6.4050



149.8560, 27.3690, 16.1130



145.3380, 22.0550, -8.7370

Rectangle

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



137.7950, -33.6960, -17.0880



138.0730, -45.8020, -6.9380



149.8560, 27.3690, 16.1130



147.7730, 34.4320, 3.7440

Sweetspot

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



137.7950, -33.6960, -17.0880



198.9550, -13.2950, -6.8550



135.8680, -9.5770, -30.1930



100.1730, -7.9770, -4.1130



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.7950, -33.6960, -17.0880



174.9340, -53.5010, -27.1090



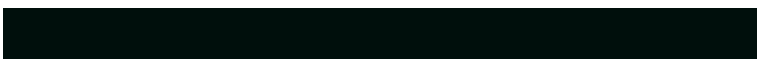
128.0100, -32.3230, -3.4190



76.4940, -4.4470, -2.0070



97.0510, -76.2400, -39.0240



10.1730, -7.9770, -4.1130

Inverse Universe

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



115.2050, 33.6960, 17.0880



139.0660, 53.5010, 27.1090



124.9900, 32.3230, 3.4190



73.6200, 4.1260, 2.3180



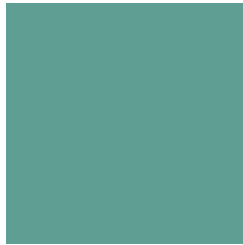
45.8350, 76.5610, 38.7130



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 137.7950, -33.6960, -17.0880 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 137.7950, -33.6960, -17.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

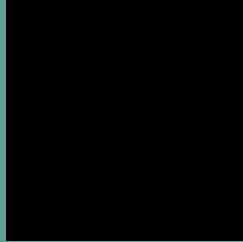
Any Text WCAG AA ✓ Pass

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 137.7950, -33.6960, -17.0880 Background



This preview shows how black text looks on a background with the YIQ color 137.7950, -33.6960, -17.0880.



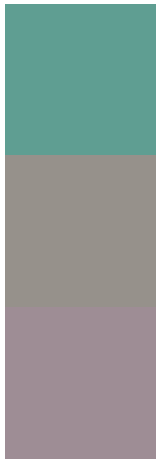
This preview shows how white text looks on a background with the YIQ color 137.7950, -33.6960, -17.0880.

-17.0880.

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

137.7950, -33.6960, -17.0880

Protanopia

145.8110, 4.9060, -0.8060

Deuteranopia

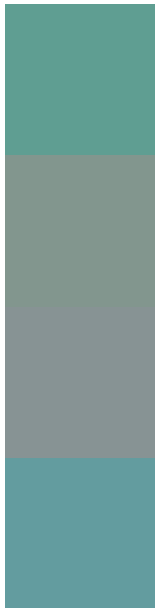
146.9950, 7.5640, 6.0920



Tritanopia

140.2220, -36.0360, -7.7160

Trichromacy



Original Color

137.7950, -33.6960, -17.0880

Protanomaly

143.1080, -9.3520, -6.7280

Deuteranomaly

143.5260, -7.4730, -2.2330

Tritanomaly

139.2990, -34.9350, -11.1510

Monochromacy



Original Color

137.7950, -33.6960, -17.0880

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6670, -12.4240, -6.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7950, -33.6960, -17.0880 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(95, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 146)  
}
```

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(95, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 146) }
```

Border

The CSS property to change the border of an element to YIQ 137.7950, -33.6960, -17.0880 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(95, 158, 146) }
```


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

```
.border{ border-color:rgb(95, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7950, -33.6960, -17.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 146) }
```

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

```
.background{ background-color: rgb(95, 158,  
146) }
```

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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