

Converting Colors

YIQ(132.8080, -0.1800,
-18.7720)

Have a look what the booklet for
YIQ(132.8080, -0.1800, -18.7720)
contains.

YIQ(132.8080, -0.1800, -18.7720)	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(132.8080, -0.1800,
-18.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	799165
RGB	121, 145, 101
RGB Percent	47%, 57%, 40%
CMY	0.5256, 0.4313, 0.6039
CMYK	0.17, 0.00, 0.30, 0.43
HSL	93°, 18%, 48%
HSV	93°, 30%, 57%
XYZ	20.3584, 25.2570, 16.1162
YIQ	132.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

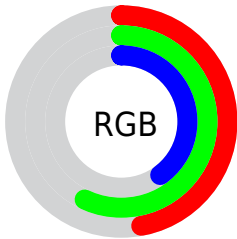
Format	Color
RYB	101, 145, 125
Decimal	7967077
CIELab	57.32, -16.89, 20.63
CIELCh	57, 26.663, 129.318
Yxy	25.2570, 0.3298, 0.4091
Android (android.graphics.Color)	4286157157 (0xFF799165)
YUV	132.8080, -15.6813, -10.3556
Hunter-Lab	50.2563, -15.6396, 16.1663

Details

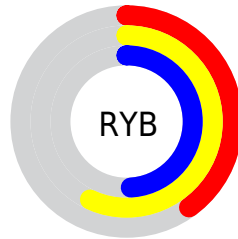
The YIQ color $132.8080, -0.1800, -18.7720$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $113.1920, 0.1800, 18.7720$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.1670, 0.1870, -19.9170$, and $82.8620, -0.2720, -17.1040$ is the 20% darker color. If you saturate the color by 10%, you get $128.8200, -0.4540, -24.8220$, and if you desaturate by 10%, it is $136.9100, -0.2270, -12.4110$.

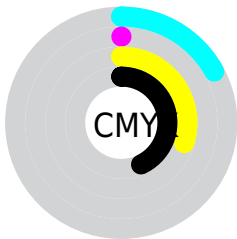
Distribution



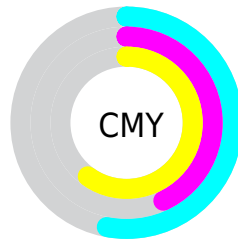
- Red (47%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)





- Cyan (53%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.8080, -0.1800, -18.7720 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 132.8080, -0.1800, -18.7720 by changing the saturation by 10% instead.


 132.8080, -0.1800,
-18.7720

 132.8080, -0.1800,
-18.7720


255.0000, -0.0000,
-0.0000

 107.3350, -0.2260,
-17.9380


 186.1670, 0.1870,
-19.9170


 82.8620, -0.2720,
-17.1040


 213.7540, -0.0880,
-20.4400

 59.6770, -1.1890,
-17.0050

 242.0530, 0.5080,
-20.2280

 36.9760, -0.5930,
-16.7930

 252.7200, 6.4200,
-6.2200

 16.4360, -7.7000,
-14.6440

 0.0000, 0.0000,
0.0000

■ 132.8080, -0.1800,
-18.7720

■ 132.8080, -0.1800,
-18.7720

■ 128.8200, -0.4540,
-24.8220

■ 136.9100, -0.2270,
-12.4110

■ 124.7180, -0.4070,
-31.1830

■ 140.8980, 0.0470,
-6.3610

■ 120.7300, -0.6810,
-37.2330

■ 145.0000, 0.0000,
-0.0000

■ 116.6280, -0.6340,
-43.5940

■ 148.9880, 0.2740,
6.0500

■ 112.6400, -0.9080,
-49.6440

■ 153.0900, 0.2270,
12.4110

■ 108.5380, -0.8610,
-56.0050

■ 157.0780, 0.5010,
18.4610

■ 104.8490, -0.5390,
-61.8430

■ 160.8810, -0.1420,
24.6100

■ 164.8690, 0.1320,

30.6600

■ 168.9710, 0.0850,
37.0210

Harmonies

Analogous

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



135.9200, 20.1760, -13.2320



132.8080, -0.1800, -18.7720



129.2490, -23.4710, -20.6790

Triad

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



132.8080, -0.1800, -18.7720



129.9790, -48.2330, -1.4250



140.3900, 34.6130, 16.9890

Complementary

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



132.8080, -0.1800, -18.7720



113.1920, 0.1800, 18.7720

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.



141.0110, 19.8030, 21.0750



132.8080, -0.1800, -18.7720



136.5630, -26.0900, 10.2780

Square

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



132.8080, -0.1800, -18.7720



124.6260, -57.9050, -13.3690



140.4090, -1.9290, 18.4470



139.3330, 38.7870, 7.4190

Rectangle

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



132.8080, -0.1800, -18.7720



126.2780, -39.6100, -20.0420



140.4090, -1.9290, 18.4470



140.7040, 30.8530, 19.0530

Sweetspot

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



132.8080, -0.1800, -18.7720



184.0720, -0.5030, -7.4070



127.6570, 19.8990, -2.7010



91.3650, 0.2300, -4.1700



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



132.8080, -0.1800, -18.7720



170.1850, -0.2240, -28.9920



126.9420, -12.4210, -22.7010



69.3050, 0.4590, -2.8130



97.4840, -0.7690, -57.6730



5.5930, -0.4120, -3.5480

Inverse Universe

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



113.1920, 0.1800, 18.7720



139.8150, 0.2240, 28.9920



119.0580, 12.4210, 22.7010



65.9940, 0.1370, 3.0250



37.5160, 0.7690, 57.6730



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 132.8080, -0.1800, -18.7720 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 132.8080, -0.1800, -18.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

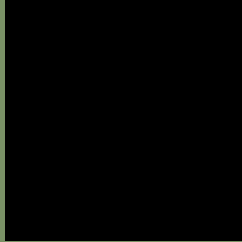
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.8080, -0.1800, -18.7720

Background



This preview shows how black text looks on a background with the YIQ color 132.8080, -0.1800, -18.7720.



This preview shows how white text looks on a background with the YIQ color 132.8080, -0.1800,

-18.7720.

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

132.8080, -0.1800, -18.7720

Protanopia

135.8430, 19.0750, -9.7970

Deuteranopia

137.7780, 26.8680, -2.3480



Tritanopia

136.9650, -10.0870, 1.0890

Trichromacy



Original Color

132.8080, -0.1800, -18.7720

Protanomaly

134.7280, 11.9690, -13.1750

Deuteranomaly

136.1140, 16.8740, -8.4540

Tritanomaly

135.1900, -6.6470, -6.1910

Monochromacy



Original Color

132.8080, -0.1800, -18.7720

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7840, 0.3680, -6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8080, -0.1800, -18.7720 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(121, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(121, 145, 101)  
}
```

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(121, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 145, 101) }
```

Border

The CSS property to change the border of an element to YIQ 132.8080, -0.1800, -18.7720 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(121, 145, 101) }
```


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

```
.border{ border-color:rgb(121, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(121, 145,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 132.8080, -0.1800, -18.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 145, 101) }
```

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

```
.background{ background-color: rgb(121,  
145, 101) }
```

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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