

Converting Colors

YIQ(137.4450, 5.2760, -18.5320)

Have a look what the booklet for
YIQ(137.4450, 5.2760, -18.5320)
contains.

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Color

**YIQ(137.4450, 5.2760,
-18.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	839464
RGB	131, 148, 100
RGB Percent	51%, 58%, 39%
CMY	0.4863, 0.4196, 0.6078
CMYK	0.12, 0.00, 0.32, 0.42
HSL	81°, 19%, 49%
HSV	81°, 32%, 58%
XYZ	22.2493, 26.9263, 16.0850
YIQ	137.4450, 5.2760, -18.5320

Conversions

Conversions Part 2

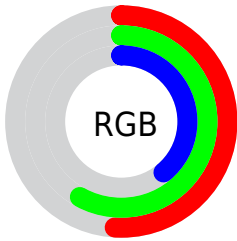
Format	Color
R_{YB}	100, 148, 117
Decimal	8623204
CIE _{Lab}	58.91, -14.72, 23.42
CIE _{LCh}	59, 27.664, 122.149
Yxy	26.9263, 0.3409, 0.4126
Android (android.graphics.Color)	4286813284 (0xFF839464)
YUV	137.4450, -18.4604, -5.6523
Hunter-Lab	51.8905, -14.2724, 17.9447

Details

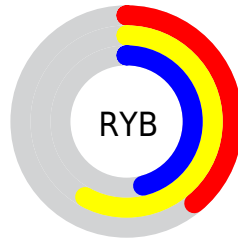
The YIQ color $137.4450, 5.2760, -18.5320$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $110.5550, -5.2760, 18.5320$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.1030, 6.2390, -19.4650$, and $87.2000, 4.5880, -17.0760$ is the 20% darker color. If you saturate the color by 10%, you get $134.2400, 7.1110, -24.2570$, and if you desaturate by 10%, it is $140.6500, 3.4410, -12.8070$.

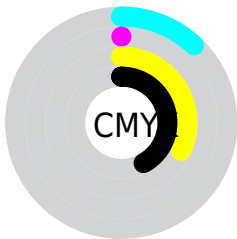
Distribution



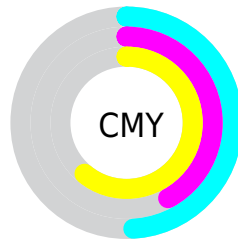
- Red (51%)
- Green (58%)
- Blue (39%)



- Red (39%)
- Yellow (58%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4450, 5.2760, -18.5320 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 137.4450, 5.2760, -18.5320 by changing the saturation by 10% instead.

■ 137.4450, 5.2760,
-18.5320

■ 137.4450, 5.2760,
-18.5320

■ 255.0000, -0.0000,
-0.0000

■ 111.6730, 4.6340,
-17.9100

■ 191.1030, 6.2390,
-19.4650

■ 87.2000, 4.5880,
-17.0760

■ 218.6900, 5.9640,
-19.9880

■ 63.9010, 3.9920,
-17.2880

■ 245.2280, 7.3850,
-18.2070

■ 41.3140, 4.2670,
-16.7650

■ 252.6060, 6.7410,
-6.5310

■ 20.8990, -1.6940,
-13.3580

■ 0.0000, 0.0000,
0.0000

■ 137.4450, 5.2760,
-18.5320

■ 137.4450, 5.2760,
-18.5320

■ 134.2400, 7.1110,
-24.2570

■ 140.6500, 3.4410,
-12.8070

■ 130.7360, 8.3500,
-30.1940

■ 143.8550, 1.6060,
-7.0820

■ 127.6450, 9.8640,
-35.6080

■ 147.2450, 0.6880,
-1.4560

■ 124.4400, 11.6990,
-41.3330

■ 150.4500, -1.1470,
4.2690

■ 121.2350, 13.5340,
-47.0580

■ 153.6550, -2.9820,
9.9940

■ 117.7310, 14.7730,
-52.9950

■ 156.8600, -4.8170,
15.7190

■ 115.2810, 15.9200,
-57.2640

■ 160.3640, -6.0560,
21.6560

■ 163.4550, -7.5700,

27.0700

■ 166.6600, -9.4050,
32.7950

Harmonies

Analogous

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



140.3120, 24.9440, -11.5360



137.4450, 5.2760, -18.5320



134.0600, -18.5650, -21.4850

Triad

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



137.4450, 5.2760, -18.5320



132.0490, -54.4220, -4.9020



144.4870, 32.9620, 19.3780

Complementary

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



137.4450, 5.2760, -18.5320



110.5550, -5.2760, 18.5320

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.



145.3850, 15.8140, 21.7820



137.4450, 5.2760, -18.5320



139.0890, -33.5630, 8.0450

Square

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



137.4450, 5.2760, -18.5320



127.3760, -60.1970, -15.8850



144.0600, -8.2560, 17.4720



143.8110, 40.4370, 10.5570

Rectangle

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



137.4450, 5.2760, -18.5320



131.3770, -35.5750, -21.5830



144.0600, -8.2560, 17.4720



145.0890, 28.3310, 20.7070

Sweetspot

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



137.4450, 5.2760, -18.5320



186.7410, 1.9270, -7.3930



124.3310, 23.9330, 1.2850



94.4360, 1.4680, -4.5800



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.



137.4450, 5.2760, -18.5320



174.7900, 8.2580, -28.5260



130.2690, -9.0280, -23.6200



72.3050, 0.4590, -2.8130



107.6170, 15.0940, -53.3060



7.9630, 1.4220, -3.7460

Inverse Universe

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



110.5550, -5.2760, 18.5320



133.2100, -8.2580, 28.5260



117.7310, 9.0280, 23.6200



68.3960, -1.0550, 2.6010



30.3830, -15.0940, 53.3060



2.3360, -0.8260, 3.9580

Previews

White Background



This preview shows how the YIQ color 137.4450, 5.2760, -18.5320 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 137.4450, 5.2760, -18.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

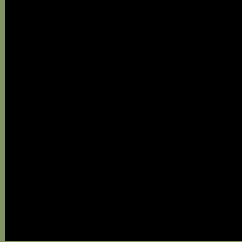
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4450, 5.2760, -18.5320

Background



This preview shows how black text looks on a background with the YIQ color 137.4450, 5.2760, -18.5320.



This preview shows how white text looks on a background with the YIQ color 137.4450, 5.2760, -18.5320.

-18.5320.

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

137.4450, 5.2760, -18.5320

Protanopia

139.5720, 21.2760, -11.1400

Deuteranopia

141.8060, 29.6650, -3.4790



Tritanopia

141.4710, -5.6400, 3.0960

Trichromacy



Original Color

137.4450, 5.2760, -18.5320

Protanomaly

139.0550, 15.3620, -14.0940

Deuteranomaly

140.1530, 21.1380, -8.6380

Tritanomaly

140.1690, -2.1540, -5.0180

Monochromacy



Original Color

137.4450, 5.2760, -18.5320

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2680, 1.8810, -6.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4450, 5.2760, -18.5320 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(131, 148, 100)` looks like.

```
.text, #text, p{  
    color:rgb(131, 148, 100)  
}
```

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(131, 148, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 148, 100) }
```

Border

The CSS property to change the border of an element to YIQ 137.4450, 5.2760, -18.5320 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(131, 148, 100) }
```


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

```
.border{ border-color:rgb(131, 148, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 148, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 148, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 148, 100);  
box-shadow:4px 4px 4px 4px rgb(131, 148,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4450, 5.2760, -18.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 148, 100) }
```

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

```
.background{ background-color: rgb(131,  
148, 100) }
```

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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