

Converting Colors

YIQ(128.5810, 35.3930, 13.8650)

Have a look what the booklet for
YIQ(128.5810, 35.3930, 13.8650)
contains.

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Color

**YIQ(128.5810, 35.3930,
13.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6E71
RGB	171, 110, 113
RGB Percent	67%, 43%, 44%
CMY	0.3293, 0.5687, 0.5567
CMYK	0.00, 0.36, 0.34, 0.33
HSL	357°, 27%, 55%
HSV	357°, 36%, 67%
XYZ	25.3585, 21.0015, 18.3503
YIQ	128.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

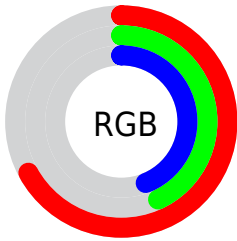
Format	Color
R_{YB}	171, 110, 113
Decimal	11234929
CIE _{Lab}	52.95, 24.68, 8.41
CIE _{LCh}	53, 26.073, 18.812
Yxy	21.0015, 0.3919, 0.3245
Android (android.graphics.Color)	4289425009 (0xFFAB6E71)
YUV	128.5810, -7.6814, 37.2015
Hunter-Lab	45.8274, 18.5748, 8.3381

Details

The YIQ color **128.5810, 35.3930, 13.8650** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.4190, -35.3930, -13.8650**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0760, 38.3730, 14.9250**, and **78.2000, 32.0920, 13.1160** is the 20% darker color. If you saturate the color by 10%, you get **116.7780, 45.2040, 17.7800**, and if you desaturate by 10%, it is **140.3840, 25.5820, 9.9500**.

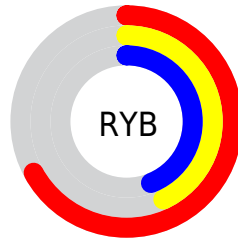
Distribution



Red (67%)

Green (43%)

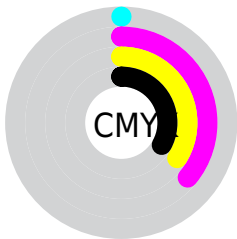
Blue (44%)



Red (67%)

Yellow (43%)

Blue (44%)

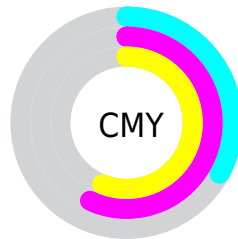


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (33%)



Cyan (33%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.5810, 35.3930, 13.8650 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 128.5810, 35.3930, 13.8650 by changing the saturation by 10% instead.

■ 128.5810, 35.3930,
13.8650

■ 128.5810, 35.3930,
13.8650

■ 255.0000, -0.0000,
-0.0000

■ 103.0970, 33.8800,
13.7520

■ 182.0760, 38.3730,
14.9250

■ 78.2000, 32.0920,
13.1160

■ 209.0760, 38.3730,
14.9250

■ 54.4170, 29.9830,
12.7910

■ 228.7040, 21.6850,
8.9890

■ 30.8620, 27.2320,
13.0880

■ 248.9190, 4.7220,
2.5300

■ 12.8570, 25.6280,
9.1160

■ 0.0000, 0.0000,
0.0000

■ 128.5810, 35.3930,
13.8650

■ 128.5810, 35.3930,
13.8650

■ 116.7780, 45.2040,
17.7800

■ 140.3840, 25.5820,
9.9500

■ 104.9750, 55.0150,
21.6950

■ 152.3010, 15.4500,
6.3460

■ 93.0580, 65.1470,
25.2990

■ 164.1040, 5.6390,
2.4310

■ 81.2550, 74.9580,
29.2140

■ 175.9070, -4.1720,
-1.4840

■ 68.8650, 85.0440,
33.6520

■ 187.7100,
-13.9830, -5.3990

■ 57.0620, 94.8550,
37.5670

■ 200.2140,
-24.3900, -9.5260

■ 52.1550, 99.0270,
39.0510

■ 212.0170,
-34.2010, -13.4410

■ 223.8200,

-44.0120, -17.3560

 229.8840,
-50.0640, -17.8080

Harmonies

Analogous

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



129.4090, 24.4340, 19.7460



128.5810, 35.3930, 13.8650



127.5560, 36.5410, 4.0690

Triad

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



128.5810, 35.3930, 13.8650



120.6870, -7.1490, -19.1250



121.0940, -41.1270, 1.9530

Complementary

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



128.5810, 35.3930, 13.8650



152.4190, -35.3930, -13.8650

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.



114.4030, -55.6590, -10.0190



128.5810, 35.3930, 13.8650



116.7690, -30.8070, -19.8870

Square

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



128.5810, 35.3930, 13.8650



123.2720, 13.2530, -14.4190



113.4000, -51.5770, -17.9210



127.3360, -18.0210, 12.7230

Rectangle

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



128.5810, 35.3930, 13.8650



126.7740, 32.6910, -3.2530



113.4000, -51.5770, -17.9210



118.7510, -47.5910, -2.0470

Sweetspot

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



128.5810, 35.3930, 13.8650



204.7030, 14.2580, 5.9220



133.9970, 14.3910, 31.0550



102.1860, 8.3440, 2.9680



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



128.5810, 35.3930, 13.8650



155.2740, 55.6110, 21.9070



143.5010, 29.2060, -0.6660



80.6910, 5.3640, 1.9080



45.7620, 86.8320, 34.2880



6.9910, 13.3870, 5.1870

Inverse Universe

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



128.5810, 35.3930, 13.8650



155.2740, 55.6110, 21.9070



137.4990, -29.2060, 0.6660



80.6910, 5.3640, 1.9080



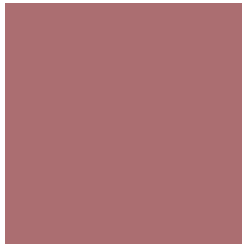
45.7620, 86.8320, 34.2880



6.9910, 13.3870, 5.1870

Previews

White Background



This preview shows how the YIQ color 128.5810, 35.3930, 13.8650 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 128.5810, 35.3930, 13.8650 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 128.5810, 35.3930, 13.8650

Background



This preview shows how black text looks on a background with the YIQ color 128.5810, 35.3930, 13.8650.



This preview shows how white text looks on a background with the YIQ color 128.5810, 35.3930,

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

128.5810, 35.3930, 13.8650

Protanopia

126.7400, 3.6680, -0.3960

Deuteranopia

127.6230, 17.2390, 1.4550



Tritanopia

128.4500, 34.3840, 15.6320

Trichromacy



Original Color

128.5810, 35.3930, 13.8650

Protanomaly

127.3610, 15.2210, 4.9890

Deuteranomaly

128.0800, 23.3820, 5.7660

Tritanomaly

128.3360, 34.7050, 15.3210

Monochromacy



Original Color

128.5810, 35.3930, 13.8650

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5810, 35.3930, 13.8650 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(171, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 110, 113)  
}
```

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(171, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 110, 113) }
```

Border

The CSS property to change the border of an element to YIQ 128.5810, 35.3930, 13.8650 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(171, 110, 113) }
```


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

```
.border{ border-color:rgb(171, 110, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 110, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 110, 113);  
box-shadow:4px 4px 4px 4px rgb(171, 110,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5810, 35.3930, 13.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 110, 113) }
```

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

```
.background{ background-color: rgb(171,  
110, 113) }
```

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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