

Converting Colors

YIQ(135.8350, -12.8370,
-4.1410)

Have a look what the booklet for
YIQ(135.8350, -12.8370, -4.1410)
contains.

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Color

**YIQ(135.8350, -12.8370,
-4.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	798E8F
RGB	121, 142, 143
RGB Percent	47%, 56%, 56%
CMY	0.5255, 0.4431, 0.4393
CMYK	0.15, 0.01, 0.00, 0.44
HSL	183°, 9%, 52%
HSV	183°, 15%, 56%
XYZ	22.5146, 25.3954, 29.6965
YIQ	135.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

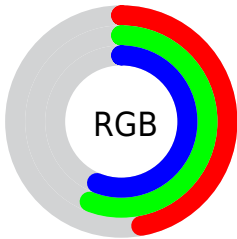
Format	Color
R_{YB}	121, 132, 143
Decimal	7966351
CIE _{Lab}	57.46, -7.26, -3.05
CIE _{LCh}	57, 7.876, 202.773
Yxy	25.3954, 0.2901, 0.3272
Android (android.graphics.Color)	4286156431 (0xFF798E8F)
YUV	135.8350, 3.5323, -13.0103
Hunter-Lab	50.3939, -8.4403, 0.3368

Details

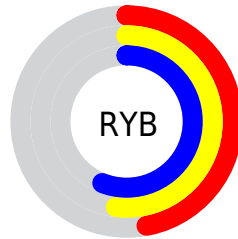
The YIQ color $135.8350, -12.8370, -4.1410$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $128.1650, 12.8370, 4.1410$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.5360, -13.4330, -4.3530$, and $86.1340, -12.2410, -3.9290$ is the 20% darker color. If you saturate the color by 10%, you get $131.0620, -20.9060, -6.5860$, and if you desaturate by 10%, it is $140.6080, -4.7680, -1.6960$.

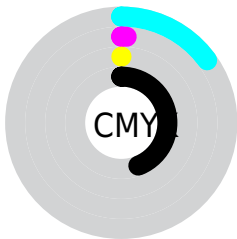
Distribution



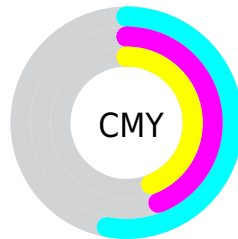
- Red (47%)
- Green (56%)
- Blue (56%)



- Red (47%)
- Yellow (52%)
- Blue (56%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8350, -12.8370, -4.1410 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 135.8350, -12.8370, -4.1410 by changing the saturation by 10% instead.

■ 135.8350,
-12.8370, -4.1410

■ 135.8350,
-12.8370, -4.1410

■ 255.0000, -0.0000,
-0.0000

■ 110.1340,
-12.2410, -3.9290

■ 189.5360,
-13.4330, -4.3530

■ 86.1340, -12.2410,
-3.9290

■ 217.2370,
-14.0290, -4.5650

■ 62.4330, -11.6450,
-3.7170

■ 245.2370,
-14.0290, -4.5650

■ 40.4330, -11.6450,
-3.7170

■ 19.7210, -12.5160,
-4.4520

■ 0.0000, 0.0000,
0.0000

■ 135.8350,
-12.8370, -4.1410

■ 135.8350,
-12.8370, -4.1410

■ 131.0620,
-20.9060, -6.5860

■ 140.6080, -4.7680,
-1.6960

■ 126.5770,
-29.8460, -9.7660

■ 145.0930, 4.1720,
1.4840

■ 121.8040,
-37.9150, -12.2110

■ 149.8660, 12.2410,
3.9290

■ 117.0310,
-45.9840, -14.6560

■ 154.6390, 20.3100,
6.3740

■ 112.5460,
-54.9240, -17.8360

■ 158.8250, 28.6540,
9.3420

■ 107.7730,
-62.9930, -20.2810

■ 163.8970, 37.3190,
11.9990

■ 103.5870,
-71.3370, -23.2490

■ 168.0830, 45.6630,
14.9670

■ 98.8140, -79.4060,

■ 172.8560, 53.7320,

-25.6940

17.4120

■ 96.7210, -83.5780,
-27.1780

■ 177.9280, 62.3970,
20.0690

Harmonies

Analogous

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



135.9340, -8.8020, -5.6820



135.8350, -12.8370, -4.1410



136.5300, -13.2960, -1.3280

Triad

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



135.8350, -12.8370, -4.1410



139.2440, 2.4290, 5.5410



138.2090, 9.5370, -2.1350

Complementary

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



135.8350, -12.8370, -4.1410



128.1650, 12.8370, 4.1410

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.



138.8720, 12.1040, 0.9040



135.8350, -12.8370, -4.1410



139.7670, 8.2060, 5.4700

Square

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



135.8350, -12.8370, -4.1410



138.5960, -4.4940, 4.3540



139.5670, 11.6450, 3.7170



137.1050, 3.8980, -4.5660

Rectangle

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



135.8350, -12.8370, -4.1410



137.3670, -11.2790, 0.6650



139.5670, 11.6450, 3.7170



138.3340, 10.6830, -0.8770

Sweetspot

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



135.8350, -12.8370, -4.1410



183.3090, -5.3640, -1.9080



134.0280, -6.3710, -11.1950



92.5050, -2.9800, -1.0600



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.



135.8350, -12.8370, -4.1410



175.5460, -19.3930, -6.4730



129.3780, -9.8120, 1.6120



68.9070, -4.1720, -1.4840



91.1130, -78.8100, -25.4820



5.0210, -4.4930, -1.1730

Inverse Universe

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



129.9720, 6.3710, 11.1950



166.5150, 9.3960, 16.9480



134.6220, 9.8120, -1.6120



66.8910, 1.9250, 3.6610



55.0710, 39.0510, 68.7390



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 135.8350, -12.8370, -4.1410 looks on a white background.

Color Contrast Check

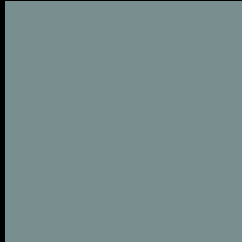
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8350, -12.8370, -4.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

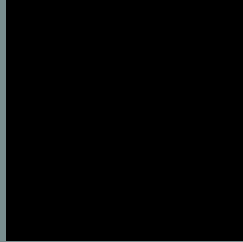
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.8350, -12.8370, -4.1410

Background



This preview shows how black text looks on a background with the YIQ color 135.8350, -12.8370, -4.1410.



This preview shows how white text looks on a background with the YIQ color 135.8350, -12.8370, -4.1410.

-4.1410.

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

135.8350, -12.8370, -4.1410

Protanopia

137.9400, 0.2290, 1.3570

Deuteranopia

139.4400, 4.8130, 6.3890



Tritanopia

136.8720, -14.2590, -0.3950

Trichromacy



Original Color

135.8350, -12.8370, -4.1410

Protanomaly

137.1350, -4.8140, -0.8620

Deuteranomaly

138.0970, -1.6510, 2.3890

Tritanomaly

136.2310, -13.8920, -1.5400

Monochromacy



Original Color

135.8350, -12.8370, -4.1410

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8350, -12.8370, -4.1410 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, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 143)  
}
```

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, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 143) }
```

Border

The CSS property to change the border of an element to YIQ 135.8350, -12.8370, -4.1410 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, 142, 143) }
```


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

```
.border{ border-color:rgb(121, 142, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(121, 142,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8350, -12.8370, -4.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 143) }
```

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

```
.background{ background-color: rgb(121,  
142, 143) }
```

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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