

Converting Colors

YIQ(135.8780, 2.7990, -12.1850)

Have a look what the booklet for
YIQ(135.8780, 2.7990, -12.1850)
contains.

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Color

**YIQ(135.8780, 2.7990,
-12.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	838F70
RGB	131, 143, 112
RGB Percent	51%, 56%, 44%
CMY	0.4863, 0.4392, 0.5607
CMYK	0.08, 0.00, 0.22, 0.44
HSL	83°, 12%, 50%
HSV	83°, 22%, 56%
XYZ	22.1065, 25.6408, 19.1159
YIQ	135.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

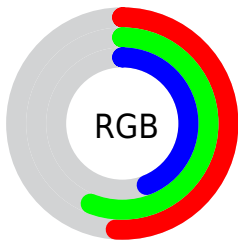
Format	Color
RYB	112, 143, 124
Decimal	8621936
CIELab	57.69, -10.16, 15.07
CIELCh	58, 18.175, 123.983
Yxy	25.6408, 0.3306, 0.3835
Android (android.graphics.Color)	4286812016 (0xFF838F70)
YUV	135.8780, -11.7719, -4.2780
Hunter-Lab	50.6367, -10.6864, 13.0631

Details

The YIQ color $135.8780, 2.7990, -12.1850$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $119.1220, -2.7990, 12.1850$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.3510, 2.8450, -13.0190$, and $86.1060, 2.1570, -11.5630$ is the 20% darker color. If you saturate the color by 10%, you get $132.4880, 3.7170, -17.8110$, and if you desaturate by 10%, it is $139.2680, 1.8810, -6.5590$.

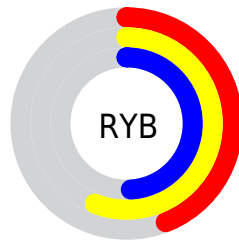
Distribution



Red (51%)

Green (56%)

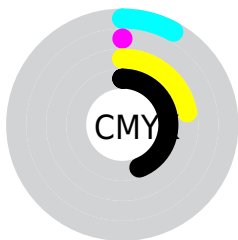
Blue (44%)



Red (44%)

Yellow (56%)

Blue (49%)

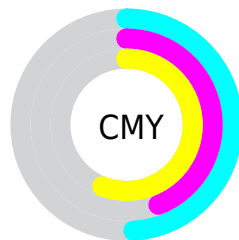


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8780, 2.7990, -12.1850 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 135.8780, 2.7990, -12.1850 by changing the saturation by 10% instead.

■ 135.8780, 2.7990,
-12.1850

■ 135.8780, 2.7990,
-12.1850

■ 255.0000, -0.0000,
-0.0000

■ 110.2910, 3.0740,
-11.6620

■ 189.3510, 2.8450,
-13.0190

■ 86.1060, 2.1570,
-11.5630

■ 217.2370, 3.1660,
-13.3300

■ 62.6330, 2.1110,
-10.7290

■ 245.2370, 3.1660,
-13.3300

■ 40.7470, 1.7900,
-10.4180

■ 254.0880, 2.5680,
-2.4880

■ 20.0460, 2.3860,
-10.2060

■ 0.0000, 0.0000,
0.0000

■ 135.8780, 2.7990,
-12.1850

■ 135.8780, 2.7990,
-12.1850

■ 132.4880, 3.7170,
-17.8110

■ 139.2680, 1.8810,
-6.5590

■ 129.2830, 5.5520,
-23.5360

■ 142.4730, 0.0460,
-0.8340

■ 125.8930, 6.4700,
-29.1620

■ 145.8630, -0.8720,
4.7920

■ 122.8020, 7.9840,
-34.5760

■ 148.9540, -2.3860,
10.2060

■ 119.4120, 8.9020,
-40.2020

■ 152.4580, -3.6250,
16.1430

■ 116.2070, 10.7370,
-45.9270

■ 155.5490, -5.1390,
21.5570

■ 112.8170, 11.6550,
-51.5530

■ 158.9390, -6.0570,
27.1830

■ 110.2530, 13.1230,

■ 162.0300, -7.5710,

-56.1330

32.5970

■ 165.5340, -8.8100,
38.5340

Harmonies

Analogous

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



137.7550, 16.5070, -7.3090



135.8780, 2.7990, -12.1850



133.6250, -12.6060, -13.8380

Triad

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



135.8780, 2.7990, -12.1850



134.6620, -31.2230, -1.3270



140.9970, 22.4180, 12.2260

Complementary

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



135.8780, 2.7990, -12.1850



119.1220, -2.7990, 12.1850

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.



141.3040, 11.3680, 14.2480



135.8780, 2.7990, -12.1850



137.7500, -19.4870, 6.2490

Square

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



135.8780, 2.7990, -12.1850



132.1790, -34.4770, -8.4370



140.5240, -3.9910, 11.7610



140.7600, 27.2790, 6.7270

Rectangle

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



135.8780, 2.7990, -12.1850



133.0630, -22.6470, -13.5830



140.5240, -3.9910, 11.7610



141.5560, 19.3460, 12.8340

Sweetspot

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



135.8780, 2.7990, -12.1850



183.0230, 1.1930, -5.1030



128.3130, 15.1760, 0.2960



92.3050, 0.4590, -2.8130



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.



135.8780, 2.7990, -12.1850



174.8470, 4.0840, -18.9560



131.3930, -6.1410, -15.3650



69.6040, 1.0550, -2.6010



104.0620, 12.3430, -53.0090



6.1910, 0.7800, -3.1240

Inverse Universe

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



119.1220, -2.7990, 12.1850



149.1530, -4.0840, 18.9560



123.6070, 6.1410, 15.3650



65.6950, -0.4590, 2.8130



30.9380, -12.3430, 53.0090



1.8090, -0.7800, 3.1240

Previews

White Background



This preview shows how the YIQ color 135.8780, 2.7990, -12.1850 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 135.8780, 2.7990, -12.1850 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

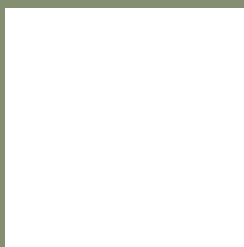
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.8780, 2.7990, -12.1850

Background



This preview shows how black text looks on a background with the YIQ color 135.8780, 2.7990, -12.1850.



This preview shows how white text looks on a background with the YIQ color 135.8780, 2.7990, -12.1850.

-12.1850.

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

135.8780, 2.7990, -12.1850

Protanopia

137.4990, 14.3520, -6.8000

Deuteranopia

138.9070, 22.1910, -0.1850



Tritanopia

138.6560, -4.7230, 2.9970

Trichromacy



Original Color

135.8780, 2.7990, -12.1850

Protanomaly

136.9930, 9.9050, -8.8070

Deuteranomaly

137.8520, 14.8560, -4.9200

Tritanomaly

137.7500, -2.2920, -2.5160

Monochromacy



Original Color

135.8780, 2.7990, -12.1850

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8780, 2.7990, -12.1850 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, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(131, 143, 112)  
}
```

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, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 143, 112) }
```

Border

The CSS property to change the border of an element to YIQ 135.8780, 2.7990, -12.1850 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, 143, 112) }
```


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

```
.border{ border-color:rgb(131, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(131, 143,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8780, 2.7990, -12.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 143, 112) }
```

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

```
.background{ background-color: rgb(131,  
143, 112) }
```

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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