

Converting Colors

YIQ(242.2880, -0.8710, -0.7350)

Have a look what the booklet for
YIQ(242.2880, -0.8710, -0.7350)
contains.

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Color

**YIQ(242.2880, -0.8710,
-0.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F3F2
RGB	241, 243, 242
RGB Percent	95%, 95%, 95%
CMY	0.0549, 0.0470, 0.0510
CMYK	0.01, 0.00, 0.00, 0.05
HSL	150°, 8%, 95%
HSV	150°, 1%, 95%
XYZ	84.3529, 89.2130, 96.7778
YIQ	242.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

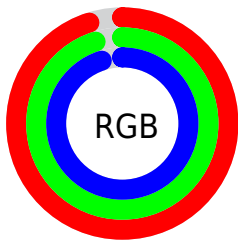
Format	Color
R _Y B	241, 242, 243
Decimal	15856626
CIE Lab	95.67, -0.84, 0.24
CIE LCh	96, 0.870, 164.112
Yxy	89.2130, 0.3120, 0.3300
Android (android.graphics.Color)	4294046706 (0xFFFF1F3F2)
YUV	242.2880, -0.1420, -1.1296
Hunter-Lab	94.4526, -5.8789, 5.3673

Details

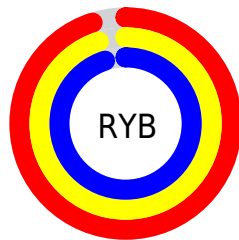
The YIQ color $242.2880, -0.8710, -0.7350$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.7120, 0.8710, 0.7350$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.2880, -0.8710, -0.7350$ is the 20% darker color. If you saturate the color by 10%, you get $233.7440, -11.3230, -9.5550$, and if you desaturate by 10%, it is $247.8420, 3.6210, 5.9650$.

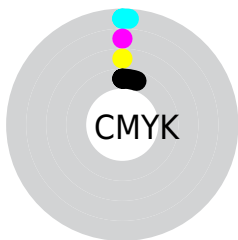
Distribution



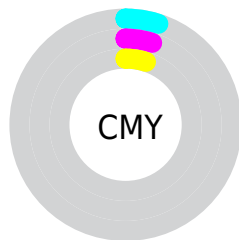
- Red (95%)
- Green (95%)
- Blue (95%)



- Red (95%)
- Yellow (95%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.2880, -0.8710, -0.7350 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 242.2880, -0.8710, -0.7350 by changing the saturation by 10% instead.

■ 242.2880, -0.8710,
-0.7350

■ 242.2880, -0.8710,
-0.7350

255.0000, -0.0000,
-0.0000

■ 214.2880, -0.8710,
-0.7350

■ 186.2880, -0.8710,
-0.7350

■ 159.2880, -0.8710,
-0.7350

■ 133.2880, -0.8710,
-0.7350

■ 108.2880, -0.8710,
-0.7350

■ 83.5870, -0.2750,
-0.5230

■ 60.5870, -0.2750,

-0.5230

■ 38.7010, -0.5960,
-0.2120

■ 18.2880, -0.8710,
-0.7350

■ 242.2880, -0.8710,
-0.7350

■ 242.2880, -0.8710,
-0.7350

■ 233.7440,
-11.3230, -9.5550

■ 247.8420, 3.6210,
5.9650

■ 224.9010,
-22.3710, -18.5870

■ 247.9560, 3.3000,
6.2760

■ 216.2430,
-32.5020, -27.7180

■ 207.6990,
-42.9540, -36.5380

■ 198.8560,
-54.0020, -45.5700

■ 190.3120,
-64.4540, -54.3900

■ 181.7680,
-74.9060, -63.2100

■ 173.2240,
-85.3580, -72.0300

■ 164.2670,
-96.0850, -81.3730

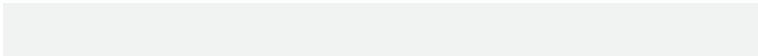
Harmonies

Analogous

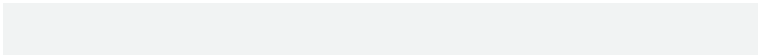
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.4730, 0.0460, -0.8340



242.2880, -0.8710, -0.7350



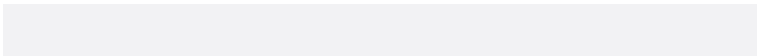
242.4020, -1.1920, -0.4240

Triad

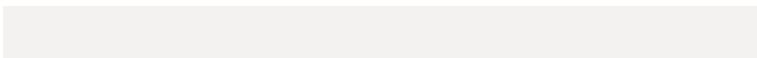
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.2880, -0.8710, -0.7350



242.2280, -0.6420, 0.6220



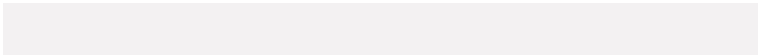
242.4840, 1.5130, 0.1130

Complementary

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



242.2880, -0.8710, -0.7350



241.7120, 0.8710, 0.7350

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.



242.5980, 1.1920, 0.4240



242.2880, -0.8710, -0.7350



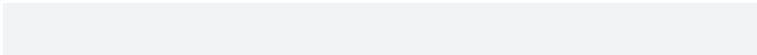
242.5270, -0.0460, 0.8340

Square

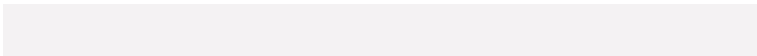
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



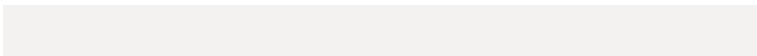
242.2880, -0.8710, -0.7350



242.5160, -1.5130, -0.1130



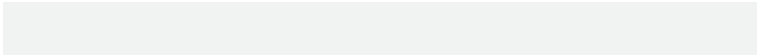
242.7120, 0.8710, 0.7350



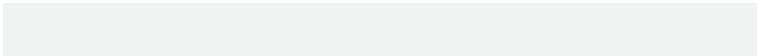
242.4840, 1.5130, 0.1130

Rectangle

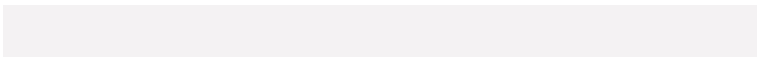
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



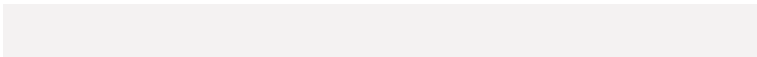
242.2880, -0.8710, -0.7350



242.4020, -1.1920, -0.4240



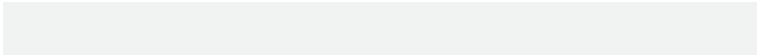
242.7120, 0.8710, 0.7350



242.5980, 1.1920, 0.4240

Sweetspot

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



242.2880, -0.8710, -0.7350

255.0000, -0.0000, -0.0000



242.4730, 0.0460, -0.8340



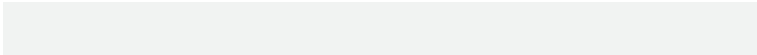
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

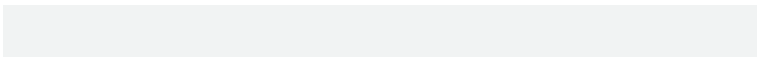
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.2880, -0.8710, -0.7350



253.9890, -1.4670, -0.9470



242.4020, -1.1920, -0.4240



121.7010, -0.5960, -0.2120



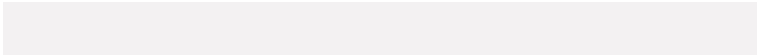
119.7840, -81.0030, -68.3550



37.9390, -25.5340, -21.8380

Inverse Universe

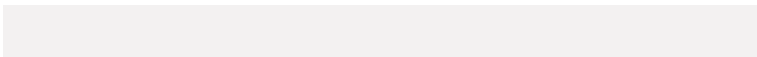
The Inverse Universe completely reimagines the original color for something new.



241.7120, 0.8710, 0.7350



253.1250, 1.1460, 1.2580



241.5980, 1.1920, 0.4240



121.4130, 0.2750, 0.5230



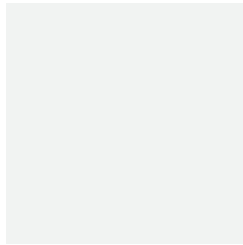
66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 242.2880, -0.8710, -0.7350 looks on a white background.

Color Contrast Check

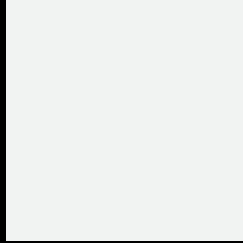
Large Text (above 18pt) WCAG AA × Fail

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 242.2880, -0.8710, -0.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

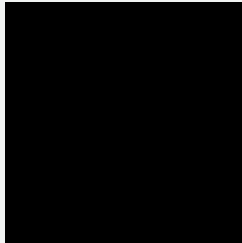
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

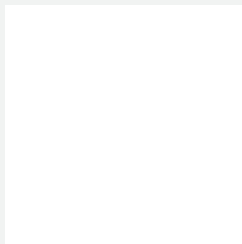
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.2880, -0.8710, -0.7350

Background



This preview shows how black text looks on a background with the YIQ color 242.2880, -0.8710, -0.7350.



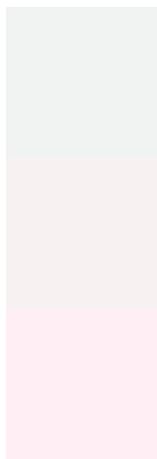
This preview shows how white text looks on a background with the YIQ color 242.2880, -0.8710,

-0.7350.

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

242.2880, -0.8710, -0.7350

Protanopia

242.7940, 3.5760, 1.2720

Deuteranopia

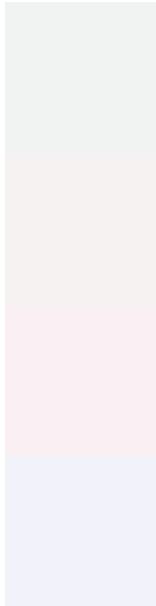
243.6530, 8.5270, 5.1590



Tritanopia

243.1940, -3.3020, 4.7780

Trichromacy



Original Color

242.2880, -0.8710, -0.7350

Protanomaly

242.7830, 2.1090, 0.3250

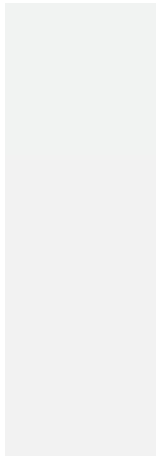
Deuteranomaly

243.3320, 4.9970, 3.0530

Tritanomaly

242.9120, -2.5680, 2.4880

Monochromacy



Original Color

242.2880, -0.8710, -0.7350

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.2880, -0.8710, -0.7350 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(241, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 242)  
}
```

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(241, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 242) }
```

Border

The CSS property to change the border of an element to YIQ 242.2880, -0.8710, -0.7350 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(241, 243, 242) }
```

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

```
.border{ border-color:rgb(241, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
242) }
```


Background

The CSS property to change the background color of an element to YIQ 242.2880, -0.8710, -0.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 242) }
```

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

```
.background{ background-color: rgb(241,  
243, 242) }
```

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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