

Converting Colors

YIQ(250.8710, 4.6770, -2.1630)

Have a look what the booklet for
YIQ(250.8710, 4.6770, -2.1630)
contains.

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Color

**YIQ(250.8710, 4.6770,
-2.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFBF2
RGB	254, 251, 242
RGB Percent	100%, 98%, 95%
CMY	0.0039, 0.0157, 0.0509
CMYK	0.00, 0.01, 0.05, 0.00
HSL	45°, 86%, 97%
HSV	45°, 5%, 100%
XYZ	91.3980, 96.4757, 97.8140
YIQ	250.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

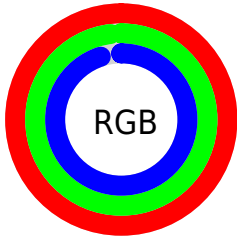
Format	Color
R _Y B	246, 254, 242
Decimal	16710642
CIE Lab	98.62, -0.54, 4.64
CIE LCh	99, 4.674, 96.610
Yxy	96.4757, 0.3199, 0.3377
Android (android.graphics.Color)	4294900722 (0xFFFEFBF2)
YUV	250.8710, -4.3734, 2.7441
Hunter-Lab	98.2220, -5.7900, 9.7117

Details

The YIQ color 250.8710, 4.6770, -2.1630 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.1290, -4.6770, 2.1630, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.5720, 4.0810, -2.3750 is the 20% darker color. If you saturate the color by 10%, you get 244.4990, 14.3520, -6.8000, and if you desaturate by 10%, it is 254.7010, -0.5960, -0.2120.

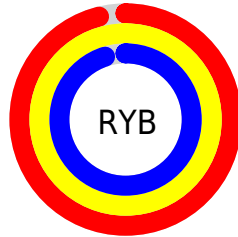
Distribution



Red (100%)

Green (98%)

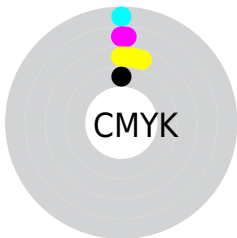
Blue (95%)



Red (96%)

Yellow (100%)

Blue (95%)

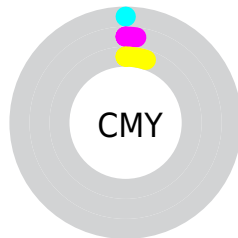


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 250.8710, 4.6770, -2.1630 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 250.8710, 4.6770, -2.1630 by changing the saturation by 10% instead.

 250.8710, 4.6770,
-2.1630


 250.8710, 4.6770,
-2.1630


255.0000, -0.0000,
-0.0000


 221.9850, 4.3560,
-1.8520

 194.5720, 4.0810,
-2.3750

 166.9850, 4.3560,
-1.8520

 140.9850, 4.3560,
-1.8520

 115.0990, 4.0350,
-1.5410

 90.6860, 3.7600,
-2.0640

 67.0990, 4.0350,

-1.5410

■ 44.9140, 3.1180,
-1.4420

■ 24.8000, 3.4390,
-1.7530

■ 250.8710, 4.6770,
-2.1630

■ 250.8710, 4.6770,
-2.1630

■ 244.4990, 14.3520,
-6.8000

254.7010, -0.5960,
-0.2120

■ 237.4260, 24.6230,
-11.2250

■ 231.0540, 34.2980,
-15.8620

■ 224.5680, 44.2940,
-20.8100

■ 217.6090, 54.2440,
-24.9240

■ 211.2370, 63.9190,
-29.5610

■ 204.7510, 73.9150,
-34.5090

■ 197.7920, 83.8650,
-38.6230

■ 191.3060, 93.8610,
-43.5710

Harmonies

Analogous

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



250.6970, 5.2270, -1.1170



250.8710, 4.6770, -2.1630



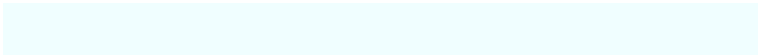
250.1910, 0.7800, -3.1240

Triad

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



250.8710, 4.6770, -2.1630



249.9280, -8.6650, -2.6570



250.8910, 1.9250, 3.6610

Complementary

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



250.8710, 4.6770, -2.1630



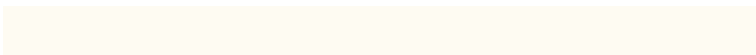
245.1290, -4.6770, 2.1630

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.



251.4670, 0.1830, 2.1910



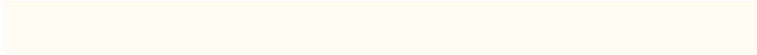
250.8710, 4.6770, -2.1630



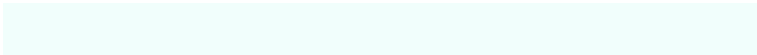
249.6510, -6.3270, -0.9750

Square

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



250.8710, 4.6770, -2.1630



249.8850, -7.1060, -3.3780



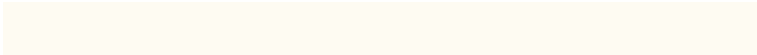
250.5590, -3.0720, 0.6080



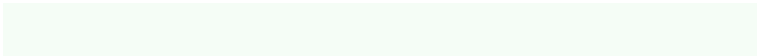
250.3210, 3.5300, 2.1060

Rectangle

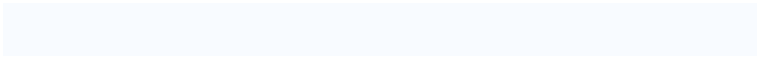
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.8710, 4.6770, -2.1630



249.8100, -2.5210, -3.8730



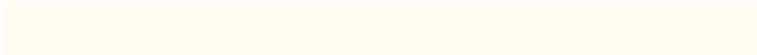
250.5590, -3.0720, 0.6080



251.4780, 1.6500, 3.1380

Sweetspot

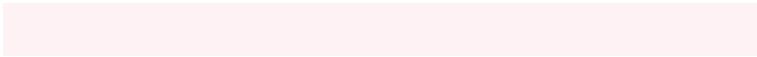
The Sweet Spot groups the original color and five complimentary colors.



250.8710, 4.6770, -2.1630



254.0710, 1.2380, -0.4100



245.9300, 6.1890, 3.4770



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



250.8710, 4.6770, -2.1630



250.9420, 5.9150, -2.5730



251.7350, 2.0640, -4.3680



125.2130, 3.7140, -1.2300



141.0500, 74.5110, -34.2970



47.3120, 24.9440, -11.5360

Inverse Universe

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



245.1290, -4.6770, 2.1630



244.0580, -5.9150, 2.5730



244.2650, -2.0640, 4.3680



121.2000, -3.4390, 1.7530



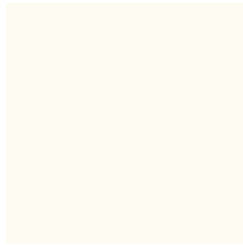
49.9500, -74.5110, 34.2970



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 250.8710, 4.6770, -2.1630 looks on a white background.

Color Contrast Check

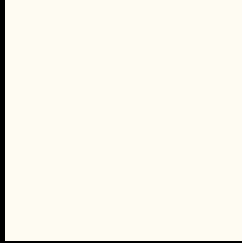
Large Text (above 18pt) WCAG AA × Fail

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 250.8710, 4.6770, -2.1630 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 250.8710, 4.6770, -2.1630

Background



This preview shows how black text looks on a background with the YIQ color 250.8710, 4.6770, -2.1630.



This preview shows how white text looks on a background with the YIQ color 250.8710, 4.6770, -2.1630.

-2.130.

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

250.8710, 4.6770, -2.1630

Protanopia

250.9250, 4.5850, -0.4950

Deuteranopia

251.4950, 2.9800, 1.0600

Tritanopia

251.4670, 0.1830, 2.1910

Trichromacy

Original Color

250.8710, 4.6770, -2.1630

Protanomaly

250.8110, 4.9060, -0.8060

Deuteranomaly

251.1530, 3.9430, 0.1270

Tritanomaly

250.8970, 1.7880, 0.6360

Monochromacy

Original Color

250.8710, 4.6770, -2.1630

Achromatopsia

251.0000, 0.0000, -0.0000

Achromatomaly

250.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.8710, 4.6770, -2.1630 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(254, 251, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 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(254, 251, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 242) }
```

Border

The CSS property to change the border of an element to YIQ 250.8710, 4.6770, -2.1630 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(254, 251, 242) }
```


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

```
.border{ border-color:rgb(254, 251, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 250.8710, 4.6770, -2.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 242) }
```

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

```
.background{ background-color: rgb(254,  
251, 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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