

Converting Colors

YIQ(242.8720, 12.1040, 0.9040)

Have a look what the booklet for
YIQ(242.8720, 12.1040, 0.9040)
contains.

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Color

**YIQ(242.8720, 12.1040,
0.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFE7
RGB	255, 239, 231
RGB Percent	100%, 94%, 91%
CMY	0.0000, 0.0627, 0.0941
CMYK	0.00, 0.06, 0.09, 0.00
HSL	20°, 100%, 95%
HSV	20°, 9%, 100%
XYZ	86.5303, 88.7594, 88.1832
YIQ	242.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

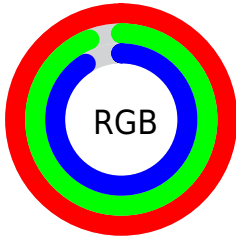
Format	Color
R_{YB}	255, 243, 231
Decimal	16773095
CIE Lab	95.48, 4.08, 5.78
CIE LCh	95, 7.076, 54.788
Yxy	88.7594, 0.3284, 0.3369
Android (android.graphics.Color)	4294963175 (0xFFFEFE7)
YUV	242.8720, -5.8529, 10.6363
Hunter-Lab	94.2122, -0.9259, 10.4527

Details

The YIQ color $242.8720, 12.1040, 0.9040$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.1280, -12.1040, -0.9040$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.5730, 11.5080, 0.6920$ is the 20% darker color. If you saturate the color by 10%, you get $230.0430, 24.8040, 2.0200$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

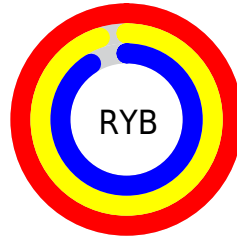
Distribution



Red (100%)

Green (94%)

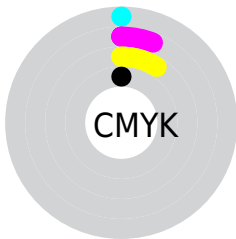
Blue (91%)



Red (100%)

Yellow (95%)

Blue (91%)

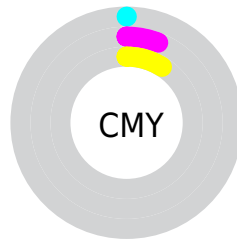


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.8720, 12.1040, 0.9040 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 242.8720, 12.1040, 0.9040 by changing the saturation by 10% instead.

242.8720, 12.1040,
0.9040

242.8720, 12.1040,
0.9040

255.0000, -0.0000,
-0.0000

214.5730, 11.5080,
0.6920

186.5730, 11.5080,
0.6920

159.6870, 11.1870,
1.0030

133.3880, 10.5910,
0.7910

108.3880, 10.5910,
0.7910

84.0890, 9.9950,
0.5790

60.9040, 9.0780,

0.6780

■ 38.7190, 8.1610,
0.7770

■ 17.8610, 10.6370,
-0.0430

■ 242.8720, 12.1040,
0.9040

■ 242.8720, 12.1040,
0.9040

■ 230.0430, 24.8040,
2.0200

255.0000, -0.0000,
-0.0000

■ 217.1000, 37.8250,
2.8250

■ 204.2710, 50.5250,
3.9410

■ 191.3280, 63.5460,
4.7460

■ 178.4990, 76.2460,
5.8620

■ 165.5560, 89.2670,
6.6670

■ 152.7270,
101.9670, 7.7830

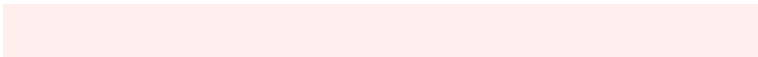
■ 139.7840,
114.9880, 8.5880

■ 126.9550,
127.6880, 9.7040

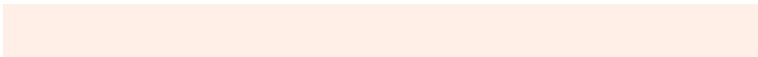
Harmonies

Analogous

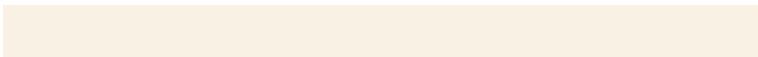
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.8550, 10.7740, 2.9820



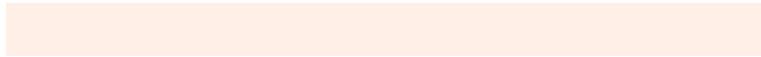
242.8720, 12.1040, 0.9040



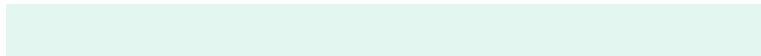
241.9100, 8.9410, -2.3470

Triad

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



242.8720, 12.1040, 0.9040



239.9340, -8.8020, -5.6820



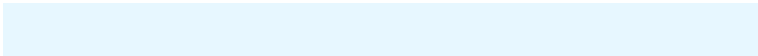
242.7810, -3.5770, 4.2550

Complementary

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



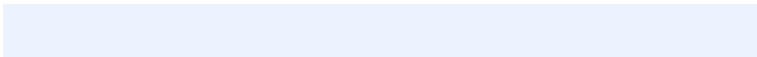
242.8720, 12.1040, 0.9040



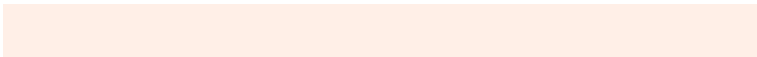
243.1280, -12.1040, -0.9040

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.



241.6770, -9.2160, 1.8240



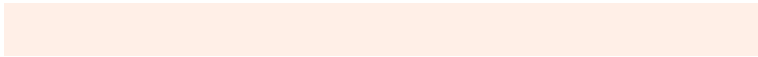
242.8720, 12.1040, 0.9040



240.1340, -12.2410, -3.9290

Square

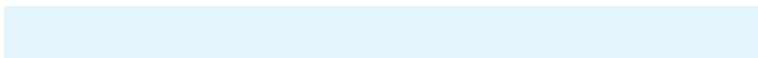
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



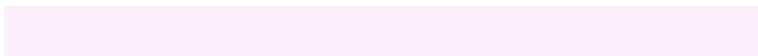
242.8720, 12.1040, 0.9040



240.4570, -3.0250, -5.7530



240.8290, -12.7000, -1.1160



243.5430, 3.0250, 5.7530

Rectangle

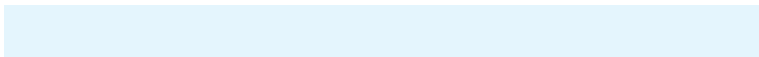
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.8720, 12.1040, 0.9040



241.7030, 5.0900, -4.1420



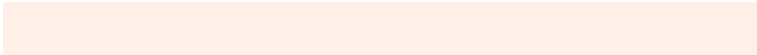
240.8290, -12.7000, -1.1160



241.9980, -5.6860, 3.9300

Sweetspot

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



242.8720, 12.1040, 0.9040



251.1530, 3.9430, 0.1270



240.0000, 9.1680, 10.0640



124.9680, 3.0260, 0.2260



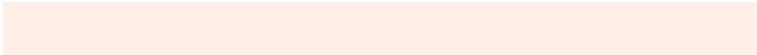
0.0000, 0.0000, 0.0000



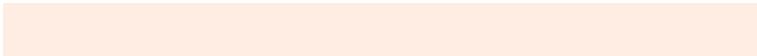
128.0000, -0.0000, -0.0000

Same Dimension

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



242.8720, 12.1040, 0.9040



240.6550, 14.2130, 1.2290



249.9160, 8.8040, -5.3720



121.2350, 6.6480, 0.6640



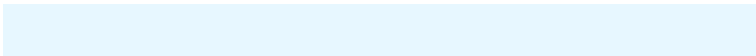
94.6770, 96.2360, 7.0200



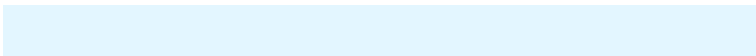
31.4630, 32.3690, 2.5850

Inverse Universe

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



243.1280, -12.1040, -0.9040



241.3450, -14.2130, -1.2290



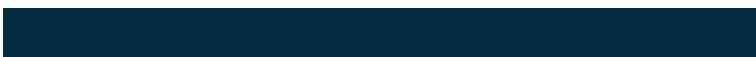
236.0840, -8.8040, 5.3720



121.1780, -6.3730, -0.1410



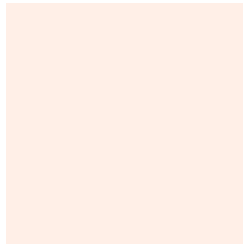
96.9100, -96.5110, -7.5430



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 242.8720, 12.1040, 0.9040 looks on a white background.

Color Contrast Check

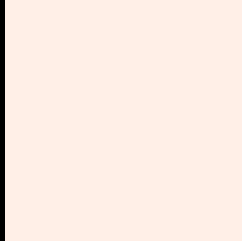
Large Text (above 18pt) WCAG AA × Fail

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 242.8720, 12.1040, 0.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

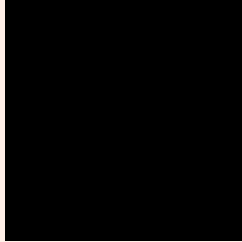
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

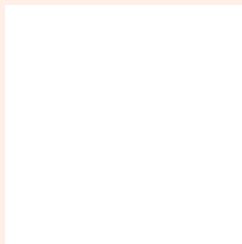
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.8720, 12.1040, 0.9040

Background



This preview shows how black text looks on a background with the YIQ color 242.8720, 12.1040, 0.9040.



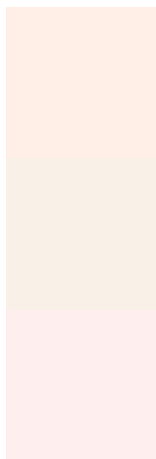
This preview shows how white text looks on a background with the YIQ color 242.8720, 12.1040,

0.9040.

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

242.8720, 12.1040, 0.9040

Protanopia

242.3660, 7.6570, -1.1030

Deuteranopia

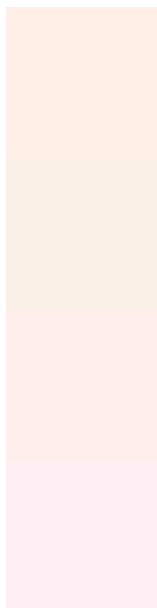
243.0830, 10.1320, 3.6040



Tritanopia

244.0920, 5.9130, 8.4810

Trichromacy



Original Color

242.8720, 12.1040, 0.9040

Protanomaly

242.3770, 9.1240, -0.1560

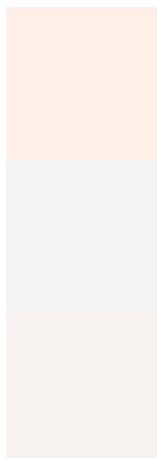
Deuteranomaly

242.7410, 11.0950, 2.6710

Tritanomaly

243.7670, 8.2060, 5.4700

Monochromacy



Original Color

242.8720, 12.1040, 0.9040

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.1530, 3.9430, 0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.8720, 12.1040, 0.9040 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(255, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 231)  
}
```

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(255, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 231) }
```

Border

The CSS property to change the border of an element to YIQ 242.8720, 12.1040, 0.9040 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(255, 239, 231) }
```


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

```
.border{ border-color:rgb(255, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 242.8720, 12.1040, 0.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 231) }
```

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

```
.background{ background-color: rgb(255,  
239, 231) }
```

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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