

Converting Colors

YIQ(248.2350, 6.6480, 0.6640)

Have a look what the booklet for
YIQ(248.2350, 6.6480, 0.6640)
contains.

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Color

**YIQ(248.2350, 6.6480,
0.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6F2
RGB	255, 246, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0353, 0.0509
CMYK	0.00, 0.04, 0.05, 0.00
HSL	18°, 100%, 97%
HSV	18°, 5%, 100%
XYZ	90.2228, 93.5805, 97.3179
YIQ	248.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

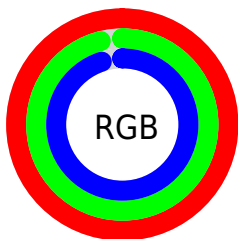
Format	Color
R_{YB}	255, 248, 242
Decimal	16774898
CIE _{Lab}	97.46, 2.33, 2.97
CIE _{LCh}	97, 3.777, 51.914
Yxy	93.5805, 0.3209, 0.3329
Android (android.graphics.Color)	4294964978 (0xFFFFF6F2)
YUV	248.2350, -3.0739, 5.9329
Hunter-Lab	96.7370, -2.8099, 8.0699

Details

The YIQ color 248.2350, 6.6480, 0.6640 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.7650, -6.6480, -0.6640, and the grayscale version is 248.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.9360, 6.0520, 0.4520 is the 20% darker color. If you saturate the color by 10%, you get 234.8190, 19.6230, 2.3030, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

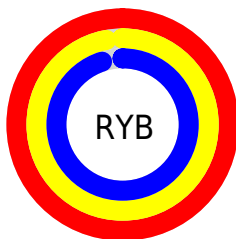
Distribution



Red (100%)

Green (96%)

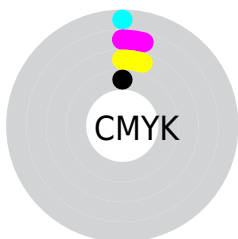
Blue (95%)



Red (100%)

Yellow (97%)

Blue (95%)

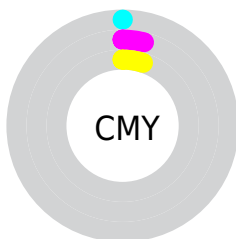


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 248.2350, 6.6480, 0.6640 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 248.2350, 6.6480, 0.6640 by changing the saturation by 10% instead.


 248.2350, 6.6480,
0.6640

 248.2350, 6.6480,
0.6640

255.0000, -0.0000,
-0.0000


 219.9360, 6.0520,
0.4520

 191.9360, 6.0520,
0.4520

 164.9360, 6.0520,
0.4520

 138.0500, 5.7310,
0.7630

 113.0500, 5.7310,
0.7630

 88.6370, 5.4560,
0.2400

 65.3380, 4.8600,

0.0280

■ 43.4520, 4.5390,
0.3390

■ 22.4520, 4.5390,
0.3390

■ 248.2350, 6.6480,
0.6640

■ 248.2350, 6.6480,
0.6640

■ 234.8190, 19.6230,
2.3030

255.0000, -0.0000,
-0.0000

■ 221.8760, 32.6440,
3.1080

■ 208.4600, 45.6190,
4.7470

■ 194.9300, 58.9150,
6.0750

■ 182.1010, 71.6150,
7.1910

■ 168.5710, 84.9110,
8.5190

■ 155.1550, 97.8860,
10.1580

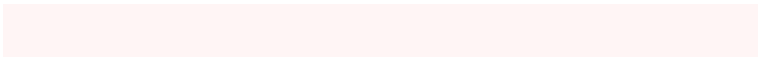
■ 142.2120,
110.9070, 10.9630

■ 128.7960,
123.8820, 12.6020

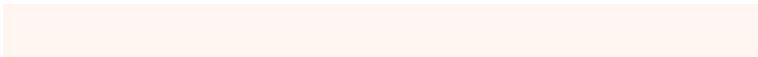
Harmonies

Analogous

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



247.9900, 5.9600, 2.1200



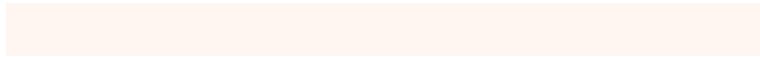
248.2350, 6.6480, 0.6640



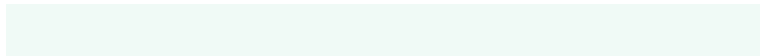
247.6970, 5.2270, -1.1170

Triad

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



248.2350, 6.6480, 0.6640



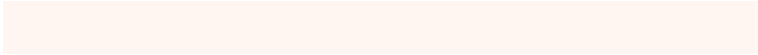
246.5540, -4.6760, -3.3640



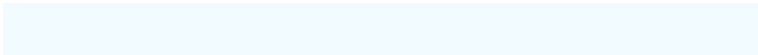
247.7980, -2.2470, 2.1770

Complementary

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



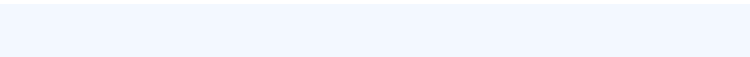
248.2350, 6.6480, 0.6640



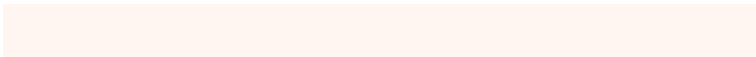
248.7650, -6.6480, -0.6640

Split Complementary

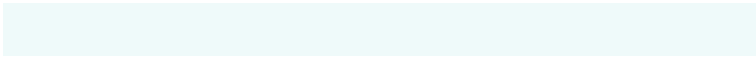
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3030, -5.2270, 1.1170



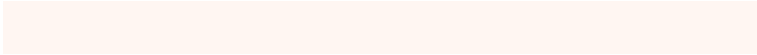
248.2350, 6.6480, 0.6640



246.7110, -6.5560, -2.3320

Square

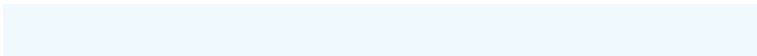
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.2350, 6.6480, 0.6640



246.8210, -1.0540, -2.9260



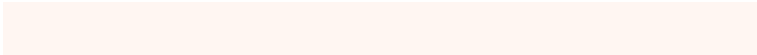
246.7650, -6.6480, -0.6640



248.4780, 1.6500, 3.1380

Rectangle

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



248.2350, 6.6480, 0.6640



247.5010, 2.8430, -1.9650



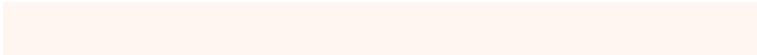
246.7650, -6.6480, -0.6640



247.6130, -3.1640, 2.2760

Sweetspot

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



248.2350, 6.6480, 0.6640



252.0820, 2.7050, 0.5370



246.9130, 4.8590, 5.5550



126.4840, 1.5130, 0.1130



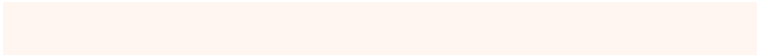
0.0000, 0.0000, 0.0000



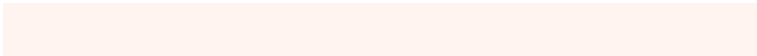
128.0000, -0.0000, -0.0000

Same Dimension

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



248.2350, 6.6480, 0.6640



246.8330, 7.8400, 1.0880



251.7570, 4.9980, -2.4740



122.8650, 4.8140, 0.8620



91.7420, 97.6110, 9.6350



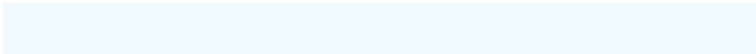
30.8760, 32.6440, 3.1080

Inverse Universe

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



248.7650, -6.6480, -0.6640



247.5800, -7.5650, -0.5650



245.2430, -4.9980, 2.4740



123.5480, -4.5390, -0.3390



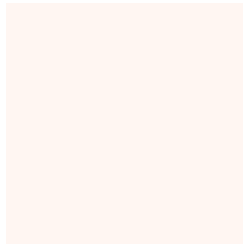
99.2580, -97.6110, -9.6350



33.1240, -32.6440, -3.1080

Previews

White Background



This preview shows how the YIQ color 248.2350, 6.6480, 0.6640 looks on a white background.

Color Contrast Check

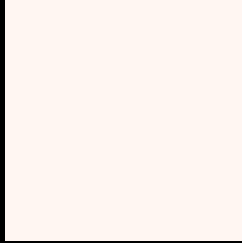
Large Text (above 18pt) WCAG AA × Fail

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 248.2350, 6.6480, 0.6640 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

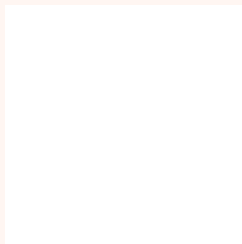
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.2350, 6.6480, 0.6640

Background



This preview shows how black text looks on a background with the YIQ color 248.2350, 6.6480, 0.6640.



This preview shows how white text looks on a background with the YIQ color 248.2350, 6.6480,

0.6640.

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**

248.2350, 6.6480, 0.6640

Protanopia

248.2240, 5.1810, -0.2830

Deuteranopia

248.8050, 5.0430, 2.2190



Tritanopia

248.5320, 1.5580, 4.8060

Trichromacy



Original Color

248.2350, 6.6480, 0.6640

Protanomaly

248.5230, 5.7770, -0.0710

Deuteranomaly

248.5770, 5.6850, 1.5970

Tritanomaly

248.2610, 3.7590, 3.4630

Monochromacy



Original Color

248.2350, 6.6480, 0.6640

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.2350, 6.6480, 0.6640 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, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 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(255, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 242) }
```

Border

The CSS property to change the border of an element to YIQ 248.2350, 6.6480, 0.6640 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, 246, 242) }
```


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

```
.border{ border-color:rgb(255, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 248.2350, 6.6480, 0.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 242) }
```

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

```
.background{ background-color: rgb(255,  
246, 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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