

Converting Colors

YIQ(247.8760, 6.2810, 1.8090)

Have a look what the booklet for
YIQ(247.8760, 6.2810, 1.8090)
contains.

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Color

**YIQ(247.8760, 6.2810,
1.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F4
RGB	255, 245, 244
RGB Percent	100%, 96%, 96%
CMY	0.0000, 0.0392, 0.0431
CMYK	0.00, 0.04, 0.04, 0.00
HSL	5°, 100%, 98%
HSV	5°, 4%, 100%
XYZ	90.2213, 93.0943, 98.8070
YIQ	247.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 245, 244
Decimal	16774644
CIE Lab	97.27, 3.18, 1.66
CIE LCh	97, 3.582, 27.541
Yxy	93.0943, 0.3198, 0.3300
Android (android.graphics.Color)	4294964724 (0xFFFFF5F4)
YUV	247.8760, -1.9109, 6.2477
Hunter-Lab	96.4854, -1.9382, 6.8232

Details

The YIQ color 247.8760, 6.2810, 1.8090 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.1240, -6.2810, -1.8090, 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 191.5770, 5.6850, 1.5970 is the 20% darker color. If you saturate the color by 10%, you get 231.5250, 20.6310, 6.0630, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



Red (100%)

Green (96%)

Blue (96%)



Red (100%)

Yellow (96%)

Blue (96%)



Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.8760, 6.2810, 1.8090 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 247.8760, 6.2810, 1.8090 by changing the saturation by 10% instead.


 247.8760, 6.2810,
1.8090

 247.8760, 6.2810,
1.8090

255.0000, -0.0000,
-0.0000


 219.5770, 5.6850,
1.5970

 191.5770, 5.6850,
1.5970

 164.5770, 5.6850,
1.5970

 138.2780, 5.0890,
1.3850

 112.5770, 5.6850,
1.5970

 88.2780, 5.0890,
1.3850

 64.9790, 4.4930,

1.1730

■ 42.9790, 4.4930,
1.1730

■ 22.6800, 3.8970,
0.9610

■ 247.8760, 6.2810,
1.8090

■ 247.8760, 6.2810,
1.8090

■ 231.5250, 20.6310,
6.0630

255.0000, -0.0000,
-0.0000

■ 215.0600, 35.3020,
10.0060

■ 198.1220, 49.9270,
14.7830

■ 181.6570, 64.5980,
18.7260

■ 165.3060, 78.9480,
22.9800

■ 148.8410, 93.6190,
26.9230

■ 132.4900,
107.9690, 31.1770

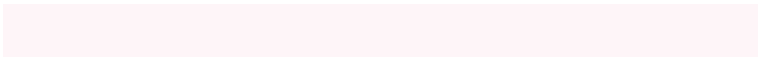
■ 115.4380,
122.9150, 35.6430

■ 99.0870, 137.2650,
39.8970

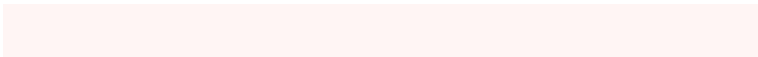
Harmonies

Analogous

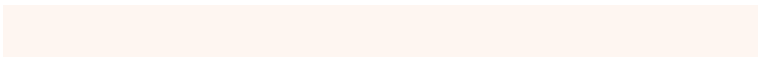
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.0330, 4.4010, 2.8410



247.8760, 6.2810, 1.8090



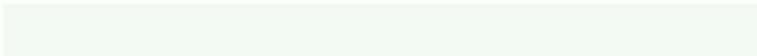
247.8220, 6.3730, 0.1410

Triad

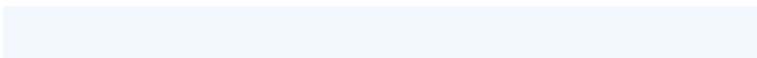
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.8760, 6.2810, 1.8090



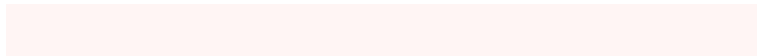
246.5220, -1.6500, -3.1380



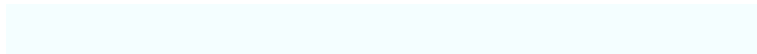
246.6020, -4.6310, 1.3290

Complementary

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



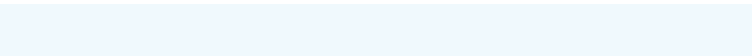
247.8760, 6.2810, 1.8090



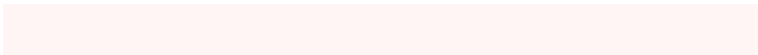
251.1240, -6.2810, -1.8090

Split Complementary

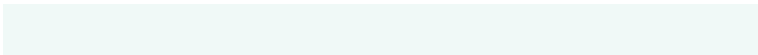
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7650, -6.6480, -0.6640



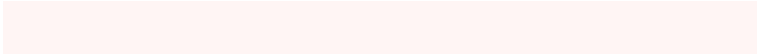
247.8760, 6.2810, 1.8090



246.0810, -4.7220, -2.5300

Square

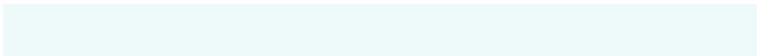
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.8760, 6.2810, 1.8090



246.9030, 1.6510, -2.3890



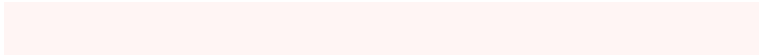
246.1240, -6.2810, -1.8090



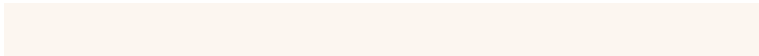
247.3960, -1.0550, 2.6010

Rectangle

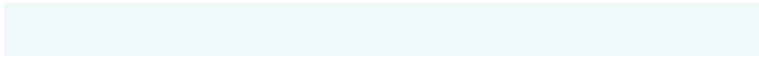
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



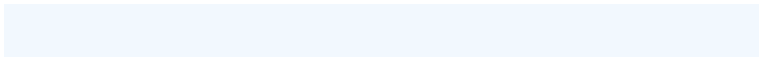
247.8760, 6.2810, 1.8090



247.1100, 5.5020, -0.5940



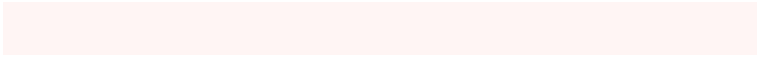
246.1240, -6.2810, -1.8090



246.8900, -5.5020, 0.5940

Sweetspot

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



247.8760, 6.2810, 1.8090



253.4840, 1.5130, 0.1130



248.4290, 3.3460, 5.4420



126.5980, 1.1920, 0.4240



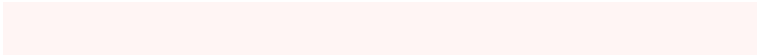
0.0000, 0.0000, 0.0000



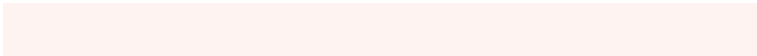
128.0000, -0.0000, -0.0000

Same Dimension

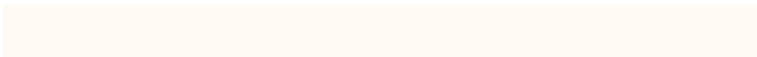
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.8760, 6.2810, 1.8090



246.4740, 7.4730, 2.2330



250.8110, 4.9060, -0.8060



122.9790, 4.4930, 1.1730



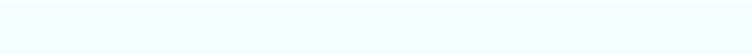
67.0880, 109.1610, 31.6010



22.6580, 36.4940, 10.4300

Inverse Universe

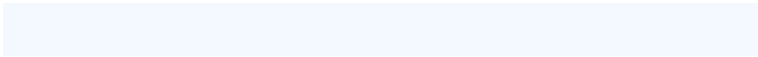
The Inverse Universe completely reimagines the original color for something new.



251.1240, -6.2810, -1.8090



250.5260, -7.4730, -2.2330



248.1890, -4.9060, 0.8060



125.0210, -4.4930, -1.1730



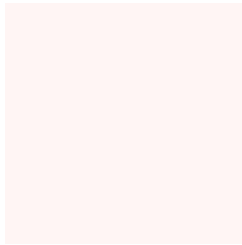
123.9120, -109.1610, -31.6010



41.3420, -36.4940, -10.4300

Previews

White Background



This preview shows how the YIQ color 247.8760, 6.2810, 1.8090 looks on a white background.

Color Contrast Check

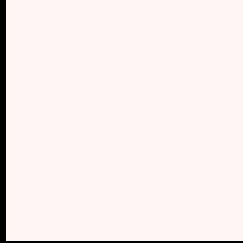
Large Text (above 18pt) WCAG AA × Fail

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 247.8760, 6.2810, 1.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

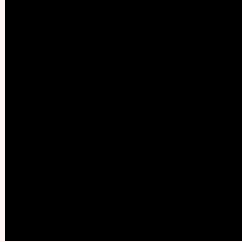
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

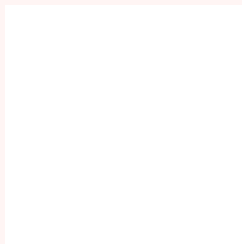
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.8760, 6.2810, 1.8090

Background



This preview shows how black text looks on a background with the YIQ color 247.8760, 6.2810, 1.8090.



This preview shows how white text looks on a background with the YIQ color 247.8760, 6.2810,

1.8090.

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

247.8760, 6.2810, 1.8090

Protanopia

247.6800, 3.8970, 0.9610

Deuteranopia

248.2180, 5.3180, 2.7420



Tritanopia

248.5320, 1.5580, 4.8060

Trichromacy



Original Color

247.8760, 6.2810, 1.8090

Protanomaly

247.9790, 4.4930, 1.1730

Deuteranomaly

248.1040, 5.6390, 2.4310

Tritanomaly

248.3750, 3.4380, 3.7740

Monochromacy



Original Color

247.8760, 6.2810, 1.8090

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.8760, 6.2810, 1.8090 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, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 244)  
}
```

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, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 244) }
```

Border

The CSS property to change the border of an element to YIQ 247.8760, 6.2810, 1.8090 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, 245, 244) }
```


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

```
.border{ border-color:rgb(255, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 247.8760, 6.2810, 1.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 244) }
```

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

```
.background{ background-color: rgb(255,  
245, 244) }
```

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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