

Converting Colors

YIQ(248.5480, 12.6560, -9.1040)

Have a look what the booklet for
YIQ(248.5480, 12.6560, -9.1040)
contains.

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Color

**YIQ(248.5480, 12.6560,
-9.1040)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFFBDB
RGB	255, 251, 219
RGB Percent	100%, 98%, 86%
CMY	0.0000, 0.0157, 0.1411
CMYK	0.00, 0.02, 0.14, 0.00
HSL	53°, 100%, 93%
HSV	53°, 14%, 100%
XYZ	88.5244, 95.3682, 80.7732
YIQ	248.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

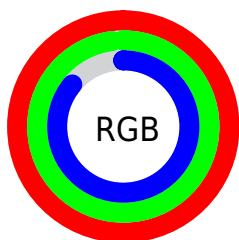
Format	Color
RYB	224, 255, 219
Decimal	16776155
CIELab	98.18, -3.87, 15.81
CIELCh	98, 16.279, 103.744
Yxy	95.3682, 0.3345, 0.3603
Android (android.graphics.Color)	4294966235 (0xFFFFFBDB)
YUV	248.5480, -14.5672, 5.6584
Hunter-Lab	97.6567, -9.0915, 19.3201

Details

The YIQ color 248.5480, 12.6560, -9.1040 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 225.4520, -12.6560, 9.1040, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.3630, 11.7390, -9.0050 is the 20% darker color. If you saturate the color by 10%, you get 243.9370, 21.5060, -15.3100, and if you desaturate by 10%, it is 253.2730, 3.4850, -2.5870.

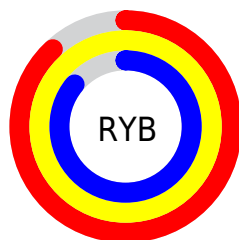
Distribution



Red (100%)

Green (98%)

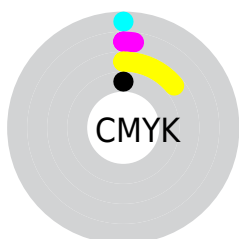
Blue (86%)



Red (88%)

Yellow (100%)

Blue (86%)

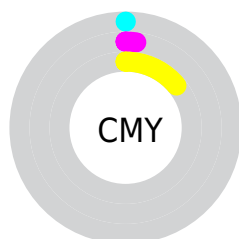


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (14%)

Brightness & Saturation

Gradients


These gradients show how the YIQ color 248.5480, 12.6560, -9.1040 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 248.5480, 12.6560, -9.1040 by changing the saturation by 10% instead.


 248.5480, 12.6560,
-9.1040


 248.5480, 12.6560,
-9.1040


255.0000, -0.0000,
-0.0000

 219.6620, 12.3350,
-8.7930

 192.3630, 11.7390,
-9.0050

 164.8900, 11.6930,
-8.1710

 138.5910, 11.0970,
-8.3830

 112.8190, 10.4550,
-7.7610

 88.5200, 9.8590,
-7.9730

 65.3350, 8.9420,

-7.8740

■ 42.8620, 8.8960,
-7.0400

■ 22.7480, 9.2170,
-7.3510

■ 248.5480, 12.6560,
-9.1040

■ 248.5480, 12.6560,
-9.1040

■ 243.9370, 21.5060,
-15.3100

■ 253.2730, 3.4850,
-2.5870


■ 239.2120, 30.6770,
-21.8270


255.0000, -0.0000,
-0.0000


■ 235.1880, 39.2520,
-28.5560


■ 230.4630, 48.4230,
-35.0730

 225.8520, 57.2730,
-41.2790

 221.1270, 66.4440,
-47.7960

 216.5160, 75.2940,
-54.0020

 211.7910, 84.4650,
-60.5190

 209.4940, 89.5550,
-64.6610

Harmonies

Analogous

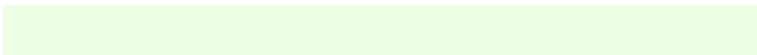
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.7270, 13.7100, -6.1780



248.5480, 12.6560, -9.1040



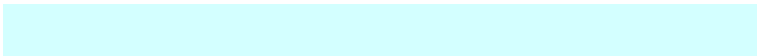
246.4260, -1.7400, -12.5240

Triad

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



248.5480, 12.6560, -9.1040



241.8440, -26.2240, -9.3280



246.1950, 4.1250, 7.8450

Complementary

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



248.5480, 12.6560, -9.1040



225.4520, -12.6560, 9.1040

Split Complementary

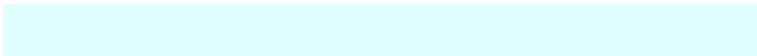
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9560, 3.3000, 6.2760



248.5480, 12.6560, -9.1040



244.8450, -18.7970, -6.2610

Square

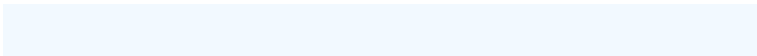
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.5480, 12.6560, -9.1040



241.8440, -26.2240, -9.3280



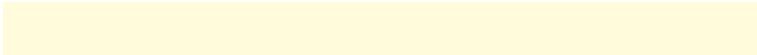
247.5910, -6.0980, 0.3820



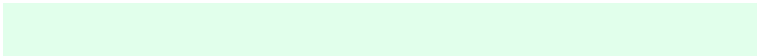
244.2400, 8.2520, 4.6360

Rectangle

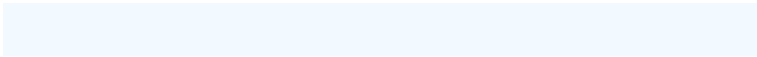
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248.5480, 12.6560, -9.1040



243.7500, -11.4600, -12.5800



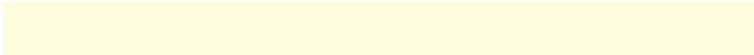
247.5910, -6.0980, 0.3820



246.7820, 3.8500, 7.3220

Sweetspot

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



248.5480, 12.6560, -9.1040



253.2730, 3.4850, -2.5870



230.2200, 20.1720, 8.8760



126.6150, 2.5220, -1.6540



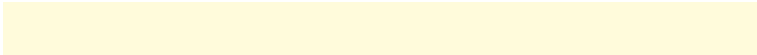
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

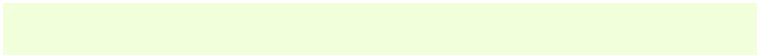
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.5480, 12.6560, -9.1040



247.1630, 15.1780, -10.7580



246.7100, 3.2120, -14.1640



125.3440, 4.7230, -2.9970



156.8990, 67.0860, -48.4180



52.5950, 22.4690, -16.2430

Inverse Universe

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



225.4520, -12.6560, 9.1040



219.2500, -14.9030, 11.2810



227.2900, -3.2120, 14.1640



117.0690, -4.4480, 3.5200



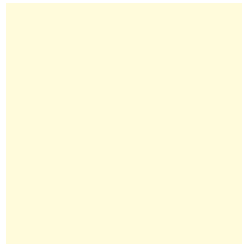
34.1010, -67.0860, 48.4180



11.4050, -22.4690, 16.2430

Previews

White Background



This preview shows how the YIQ color 248.5480, 12.6560, -9.1040 looks on a white background.

Color Contrast Check

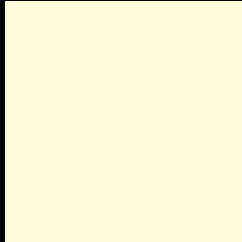
Large Text (above 18pt) WCAG AA × Fail

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 248.5480, 12.6560, -9.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

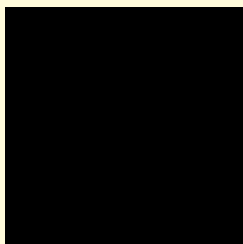
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 248.5480, 12.6560, -9.1040

Background



This preview shows how black text looks on a background with the YIQ color 248.5480, 12.6560, -9.1040.



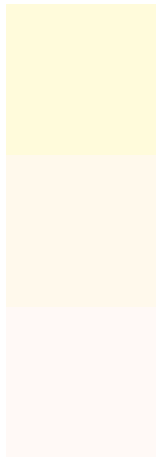
This preview shows how white text looks on a background with the YIQ color 248.5480, 12.6560, -9.1040.

-9.1040.

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

248.5480, 12.6560, -9.1040

Protanopia

249.3120, 7.7490, -2.7710

Deuteranopia

250.4520, 4.5390, 0.3390



Tritanopia

250.5920, 1.3290, 3.4490

Trichromacy

	Original Color 248.5480, 12.6560, -9.1040
	Protanomaly 249.2150, 9.4000, -5.1600
	Deuteranomaly 249.8990, 7.4740, -3.2940
	Tritanomaly 249.6970, 5.2270, -1.1170

Monochromacy

	Original Color 248.5480, 12.6560, -9.1040
	Achromatopsia 249.0000, -0.0000, -0.0000
	Achromatomaly 248.9310, 4.4480, -3.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.5480, 12.6560, -9.1040 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, 251, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 219)  
}
```

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, 251, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 219) }
```

Border

The CSS property to change the border of an element to YIQ 248.5480, 12.6560, -9.1040 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, 251, 219) }
```


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

```
.border{ border-color:rgb(255, 251, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 248.5480, 12.6560, -9.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 219) }
```

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

```
.background{ background-color: rgb(255,  
251, 219) }
```

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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