

Converting Colors

YIQ(251.9850, 4.3560, -1.8520)

Have a look what the booklet for
YIQ(251.9850, 4.3560, -1.8520)
contains.

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Color

**YIQ(251.9850, 4.3560,
-1.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCF4
RGB	255, 252, 244
RGB Percent	100%, 99%, 96%
CMY	0.0000, 0.0117, 0.0431
CMYK	0.00, 0.01, 0.04, 0.00
HSL	44°, 100%, 98%
HSV	44°, 4%, 100%
XYZ	92.3800, 97.4120, 99.5262
YIQ	251.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

Format	Color
RYB	248, 255, 244
Decimal	16776436
CIELab	98.99, -0.37, 4.16
CIElCh	99, 4.177, 95.081
Yxy	97.4120, 0.3193, 0.3367
Android (android.graphics.Color)	4294966516 (0xFFFFFCF4)
YUV	251.9850, -3.9366, 2.6442
Hunter-Lab	98.6975, -5.6462, 9.3005

Details

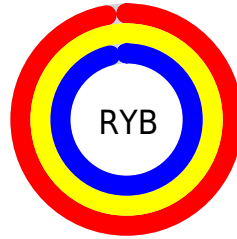
The YIQ color 251.9850, 4.3560, -1.8520 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247.0150, -4.3560, 1.8520, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 195.0990, 4.0350, -1.5410 is the 20% darker color. If you saturate the color by 10%, you get 245.0260, 14.3060, -5.9660, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



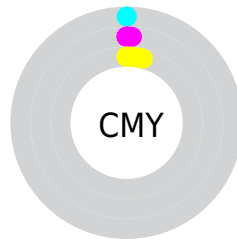
- Red (100%)
- Green (99%)
- Blue (96%)



- Red (97%)
- Yellow (100%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 251.9850, 4.3560, -1.8520 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 251.9850, 4.3560, -1.8520 by changing the saturation by 10% instead.


 251.9850, 4.3560,
-1.8520


 251.9850, 4.3560,
-1.8520


255.0000, -0.0000,
-0.0000

 223.0990, 4.0350,
-1.5410

 195.0990, 4.0350,
-1.5410

 168.0990, 4.0350,
-1.5410

 142.0990, 4.0350,
-1.5410

 116.0990, 4.0350,
-1.5410

 91.8000, 3.4390,
-1.7530

 68.2130, 3.7140,

-1.2300

■ 45.9140, 3.1180,
-1.4420

■ 25.0280, 2.7970,
-1.1310

■ 251.9850, 4.3560,
-1.8520

■ 251.9850, 4.3560,
-1.8520

■ 245.0260, 14.3060,
-5.9660

255.0000, -0.0000,
-0.0000

■ 237.9530, 24.5770,
-10.3910

■ 230.9940, 34.5270,
-14.5050

■ 223.9210, 44.7980,
-18.9300

■ 216.9620, 54.7480,
-23.0440

■ 209.8890, 65.0190,
-27.4690

■ 202.9300, 74.9690,
-31.5830

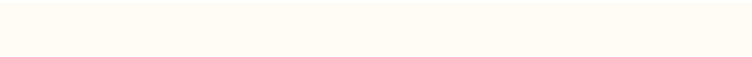
■ 195.8570, 85.2400,
-36.0080

■ 188.8980, 95.1900,
-40.1220

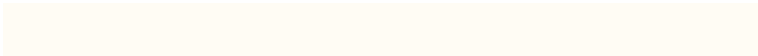
Harmonies

Analogous

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



251.5120, 4.3100, -1.0180



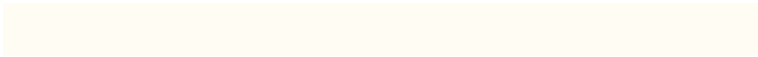
251.9850, 4.3560, -1.8520



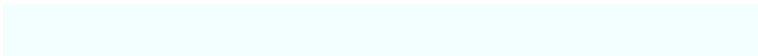
251.1910, 0.7800, -3.1240

Triad

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



251.9850, 4.3560, -1.8520



250.8250, -6.8770, -2.0210



252.0650, 1.3750, 2.6150

Complementary

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



251.9850, 4.3560, -1.8520



247.0150, -4.3560, 1.8520

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.



252.3530, 0.5040, 1.8800



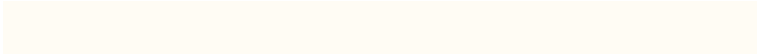
251.9850, 4.3560, -1.8520



250.8360, -5.4100, -1.0740

Square

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



251.9850, 4.3560, -1.8520



251.1840, -6.5100, -3.1660



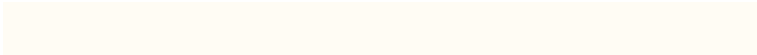
251.4450, -2.7510, 0.2970



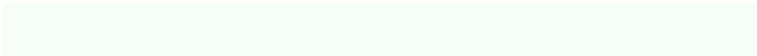
251.0220, 2.9340, 1.8940

Rectangle

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



251.9850, 4.3560, -1.8520



251.1090, -1.9250, -3.6610



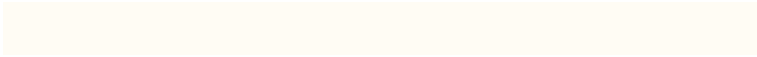
251.4450, -2.7510, 0.2970



252.0650, 1.3750, 2.6150

Sweetspot

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



251.9850, 4.3560, -1.8520



254.0710, 1.2380, -0.4100



247.6310, 5.5930, 3.2650



127.1850, 0.9170, -0.0990



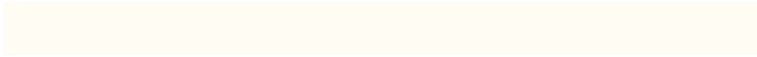
0.0000, 0.0000, 0.0000



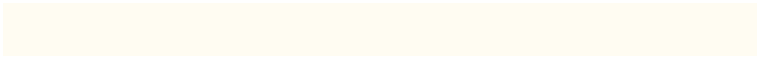
128.0000, -0.0000, -0.0000

Same Dimension

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



251.9850, 4.3560, -1.8520



251.7570, 4.9980, -2.4740



253.1480, 2.3390, -3.8450



125.3270, 3.3930, -0.9190



138.7020, 75.6110, -32.2050



46.1380, 25.4940, -10.4900

Inverse Universe

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



247.0150, -4.3560, 1.8520



245.8300, -5.2730, 1.9510



245.8520, -2.3390, 3.8450



122.0860, -3.1180, 1.4420



52.2980, -75.6110, 32.2050



17.2750, -25.2190, 11.0130

Previews

White Background



This preview shows how the YIQ color 251.9850, 4.3560, -1.8520 looks on a white background.

Color Contrast Check

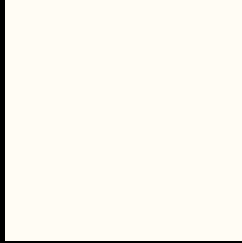
Large Text (above 18pt) WCAG AA × Fail

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 251.9850, 4.3560, -1.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

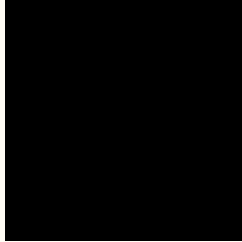
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 251.9850, 4.3560, -1.8520

Background



This preview shows how black text looks on a background with the YIQ color 251.9850, 4.3560, -1.8520.



This preview shows how white text looks on a background with the YIQ color 251.9850, 4.3560, -1.8520.

-1.820.

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

251.9850, 4.3560, -1.8520

Protanopia

252.4410, 3.0720, -0.6080

Deuteranopia

252.1960, 2.3840, 0.8480

Tritanopia

252.0540, -0.0920, 1.6680

Trichromacy

Original Color

251.9850, 4.3560, -1.8520

Protanomaly

252.3270, 3.3930, -0.9190

Deuteranomaly

251.8540, 3.3470, -0.0850

Tritanomaly

251.8970, 1.7880, 0.6360

Monochromacy

Original Color

251.9850, 4.3560, -1.8520

Achromatopsia

252.0000, 0.0000, 0.0000

Achromatomaly

251.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 251.9850, 4.3560, -1.8520 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, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 244) }
```

Border

The CSS property to change the border of an element to YIQ 251.9850, 4.3560, -1.8520 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, 252, 244) }
```


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

```
.border{ border-color:rgb(255, 252, 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, 252, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 251.9850, 4.3560, -1.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 244) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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