

Converting Colors

YIQ(247.1320, -0.7320, -8.7640)

Have a look what the booklet for
YIQ(247.1320, -0.7320, -8.7640)
contains.

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Color

**YIQ(247.1320, -0.7320,
-8.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FDE9
RGB	241, 253, 233
RGB Percent	95%, 99%, 91%
CMY	0.0549, 0.0078, 0.0863
CMYK	0.05, 0.00, 0.08, 0.01
HSL	96°, 83%, 95%
HSV	96°, 8%, 99%
XYZ	86.1074, 94.8360, 90.8600
YIQ	247.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

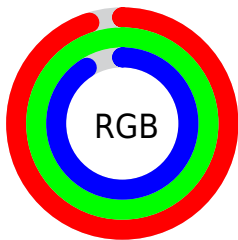
Format	Color
R _{YB}	233, 253, 245
Decimal	15859177
CIE Lab	97.97, -7.44, 8.20
CIE LCh	98, 11.072, 132.189
Yxy	94.8360, 0.3168, 0.3489
Android (android.graphics.Color)	4294049257 (0xFFFF1FDE9)
YUV	247.1320, -6.9671, -5.3778
Hunter-Lab	97.3838, -12.5908, 12.8505

Details

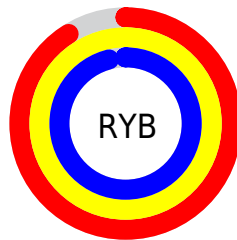
The YIQ color $247.1320, -0.7320, -8.7640$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.8680, 0.7320, 8.7640$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.5450, -0.4570, -8.2410$ is the 20% darker color. If you saturate the color by 10%, you get $239.7970, -1.6470, -19.7190$, and if you desaturate by 10%, it is $253.8260, 0.5500, 1.0460$.

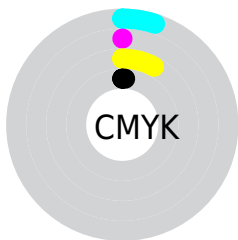
Distribution



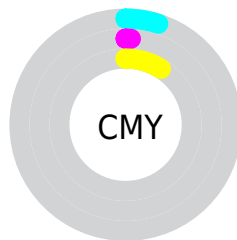
- Red (95%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.1320, -0.7320, -8.7640 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 247.1320, -0.7320, -8.7640 by changing the saturation by 10% instead.

 247.1320, -0.7320,
-8.7640

 247.1320, -0.7320,
-8.7640


255.0000, -0.0000,
-0.0000


 218.5450, -0.4570,
-8.2410

 190.5450, -0.4570,
-8.2410

 163.6590, -0.7780,
-7.9300

 137.6590, -0.7780,
-7.9300

 112.0720, -0.5030,
-7.4070

 87.1860, -0.8240,
-7.0960

 64.1860, -0.8240,

-7.0960

■ 42.3000, -1.1450,
-6.7850

■ 21.3710, 0.0930,
-7.1950

■ 247.1320, -0.7320,
-8.7640

■ 247.1320, -0.7320,
-8.7640

■ 239.7970, -1.6470,
-19.7190

253.8260, 0.5500,
1.0460

■ 232.3480, -2.2410,
-30.9850

■ 224.7140, -3.7520,
-42.1520

■ 217.3790, -4.6670,
-53.1070

■ 209.9300, -5.2610,
-64.3730

■ 202.5950, -6.1760,
-75.3280

■ 195.2600, -7.0910,
-86.2830

■ 187.6260, -8.6020,
-97.4500

■ 180.1770, -9.1960,
-108.7160

Harmonies

Analogous

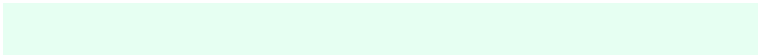
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.6880, 9.4460, -5.9940



247.1320, -0.7320, -8.7640



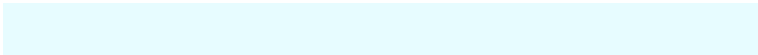
246.0430, -10.7270, -9.3430

Triad

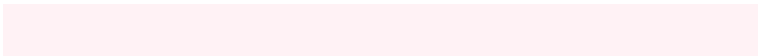
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.1320, -0.7320, -8.7640



246.0630, -13.4790, -3.5190



246.2290, 6.7850, 3.6890

Complementary

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



247.1320, -0.7320, -8.7640



238.8680, 0.7320, 8.7640

Split Complementary

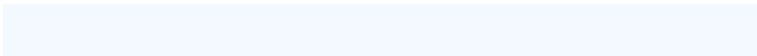
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9560, 3.3000, 6.2760



247.1320, -0.7320, -8.7640



247.8900, -5.5020, 0.5940

Square

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



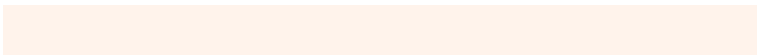
247.1320, -0.7320, -8.7640



245.7310, -18.4760, -6.5720



249.1300, 2.7500, 5.2300



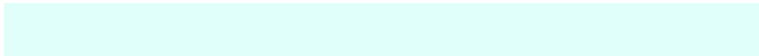
245.6760, 9.7200, 0.0560

Rectangle

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



247.1320, -0.7320, -8.7640



245.4600, -16.2750, -7.9150



249.1300, 2.7500, 5.2300



246.6850, 5.5010, 4.9330

Sweetspot

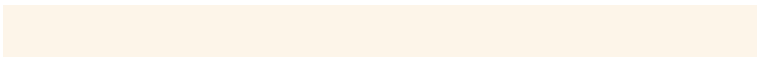
The Sweet Spot groups the original color and five complimentary colors.



247.1320, -0.7320, -8.7640



253.5330, -0.1830, -2.1910



246.0240, 8.6200, -2.0360



127.0600, -0.2290, -1.3570



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

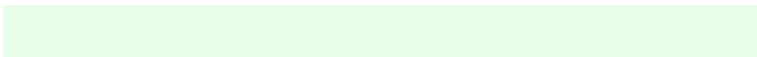
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.1320, -0.7320, -8.7640



248.1920, -0.9610, -10.1210



244.9680, -6.1420, -9.8380



124.1260, -0.5950, -5.7390



134.8410, -7.2290, -83.7810



45.0430, -2.7000, -28.1720

Inverse Universe

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



238.8680, 0.7320, 8.7640



238.8080, 0.9610, 10.1210



241.0320, 6.1420, 9.8380



118.5750, -0.0010, 5.5270



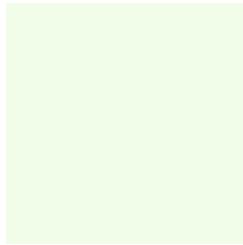
56.1590, 7.2290, 83.7810



18.6580, 2.1040, 27.9600

Previews

White Background



This preview shows how the YIQ color 247.1320, -0.7320, -8.7640 looks on a white background.

Color Contrast Check

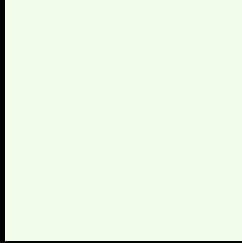
Large Text (above 18pt) WCAG AA × Fail

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 247.1320, -0.7320, -8.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

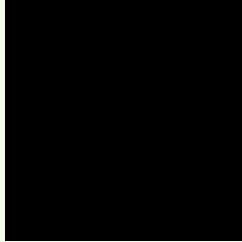
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

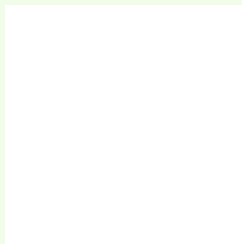
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.1320, -0.7320, -8.7640

Background



This preview shows how black text looks on a background with the YIQ color 247.1320, -0.7320, -8.7640.



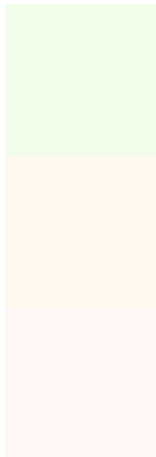
This preview shows how white text looks on a background with the YIQ color 247.1320, -0.7320, -8.7640.

-8.7640.

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

247.1320, -0.7320, -8.7640

Protanopia

248.7250, 8.0240, -2.2480

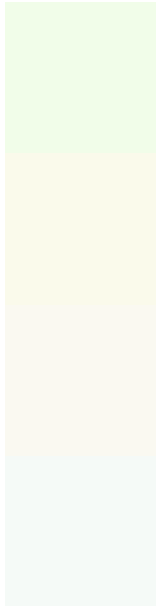
Deuteranopia

249.2780, 5.0890, 1.3850

Tritanopia

249.3850, -2.5220, 1.6540

Trichromacy



Original Color

247.1320, -0.7320, -8.7640

Protanomaly

248.2900, 4.8150, -4.6650

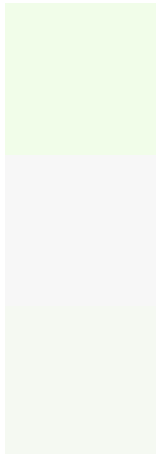
Deuteranomaly

248.3870, 3.1640, -2.2760

Tritanomaly

248.1630, -2.0170, -1.9930

Monochromacy



Original Color

247.1320, -0.7320, -8.7640

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0060, -0.1370, -3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.1320, -0.7320, -8.7640 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(241, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 233)  
}
```

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(241, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 233) }
```

Border

The CSS property to change the border of an element to YIQ 247.1320, -0.7320, -8.7640 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(241, 253, 233) }
```


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

```
.border{ border-color:rgb(241, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 247.1320, -0.7320, -8.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 233) }
```

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

```
.background{ background-color: rgb(241,  
253, 233) }
```

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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