

Converting Colors

YIQ(243.2050, -1.8350, 5.7250)

Have a look what the booklet for
YIQ(243.2050, -1.8350, 5.7250)
contains.

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Color

**YIQ(243.2050, -1.8350,
5.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0FF
RGB	245, 240, 255
RGB Percent	96%, 94%, 100%
CMY	0.0392, 0.0588, 0.0000
CMYK	0.04, 0.06, 0.00, 0.00
HSL	260°, 100%, 97%
HSV	260°, 6%, 100%
XYZ	86.8668, 88.9521, 107.1948
YIQ	243.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

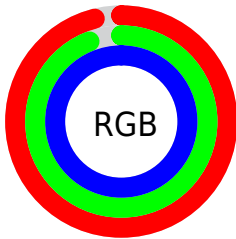
Format	Color
R _Y B	245, 240, 255
Decimal	16118015
CIE Lab	95.56, 4.36, -6.62
CIE LCh	96, 7.923, 303.385
Yxy	88.9521, 0.3069, 0.3143
Android (android.graphics.Color)	4294308095 (0xFF5F0FF)
YUV	243.2050, 5.8149, 1.5742
Hunter-Lab	94.3144, -0.6457, -1.3670

Details

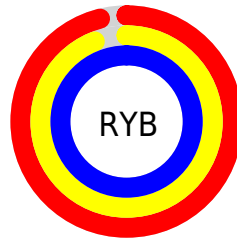
The YIQ color $243.2050, -1.8350, 5.7250$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.7950, 1.8350, -5.7250$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.0910, -1.5140, 5.4140$ is the 20% darker color. If you saturate the color by 10%, you get $223.4470, -5.0920, 15.1960$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

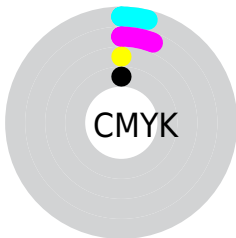
Distribution



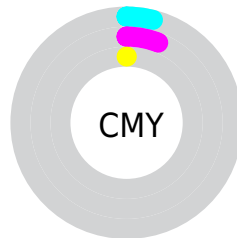
- Red (96%)
- Green (94%)
- Blue (100%)



- Red (96%)
- Yellow (94%)
- Blue (100%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.2050, -1.8350, 5.7250 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 243.2050, -1.8350, 5.7250 by changing the saturation by 10% instead.


 243.2050, -1.8350,
5.7250


 243.2050, -1.8350,
5.7250

255.0000, -0.0000,
-0.0000


 215.0910, -1.5140,
5.4140

 187.0910, -1.5140,
5.4140

 160.0910, -1.5140,
5.4140

 134.0910, -1.5140,
5.4140

 108.6780, -1.7890,
4.8910

 84.5640, -1.4680,
4.5800

 61.5640, -1.4680,

4.5800

■ 39.4500, -1.1470,
4.2690

■ 18.7490, -0.5510,
4.4810

■ 243.2050, -1.8350,
5.7250

■ 243.2050, -1.8350,
5.7250

■ 223.4470, -5.0920,
15.1960

255.0000, -0.0000,
-0.0000

■ 203.1020, -8.0740,
25.1900

■ 183.3440,
-11.3310, 34.6610

■ 162.9990,
-14.3130, 44.6550

■ 143.2410,
-17.5700, 54.1260

■ 122.8960,
-20.5520, 64.1200

■ 103.1380,
-23.8090, 73.5910

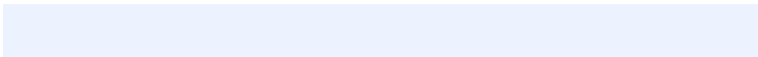
■ 82.7930, -26.7910,
83.5850

■ 63.0350, -30.0480,
93.0560

Harmonies

Analogous

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



242.2750, -8.0240, 2.2480



243.2050, -1.8350, 5.7250



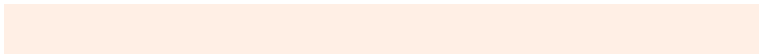
243.7390, 5.4090, 6.6010

Triad

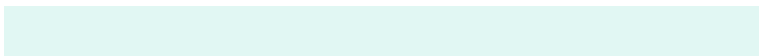
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.2050, -1.8350, 5.7250



242.6440, 12.7460, 0.2820



239.9660, -11.8280, -5.9080

Complementary

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



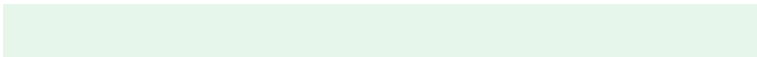
243.2050, -1.8350, 5.7250



251.7950, 1.8350, -5.7250

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.



240.2610, -5.4090, -6.6010



243.2050, -1.8350, 5.7250



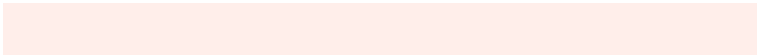
242.0840, 8.3910, -3.3930

Square

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



243.2050, -1.8350, 5.7250



242.6270, 11.4160, 2.3600



240.7950, 1.8350, -5.7250



239.8780, -14.3960, -3.4200

Rectangle

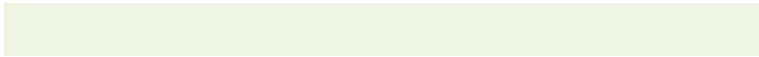
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



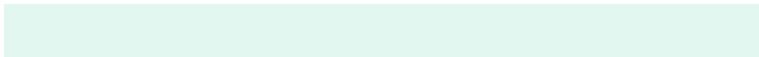
243.2050, -1.8350, 5.7250



243.1800, 8.4810, 5.9930



240.7950, 1.8350, -5.7250



239.9230, -10.2690, -6.6290

Sweetspot

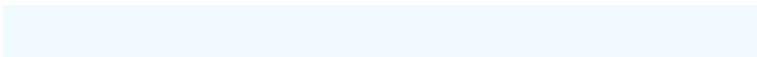
The Sweet Spot groups the original color and five complimentary colors.



243.2050, -1.8350, 5.7250



251.1680, -0.4130, 1.9790



247.5800, -7.5650, -0.5650



125.6410, -0.3670, 1.1450



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.



243.2050, -1.8350, 5.7250



240.8460, -2.2020, 6.8700



245.2980, 2.3370, 7.2090



119.4500, -1.1470, 4.2690



40.9100, -23.1670, 72.9690



13.5750, -8.0280, 24.3560

Inverse Universe

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



245.6250, 5.7300, 6.2900



243.7500, 6.8760, 7.5480



249.7020, -2.3370, -7.2090



121.0870, 4.3090, 4.5090



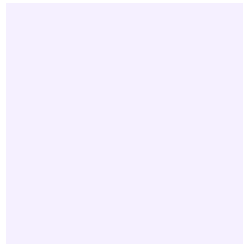
71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 243.2050, -1.8350, 5.7250 looks on a white background.

Color Contrast Check

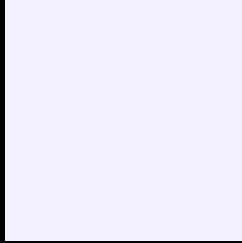
Large Text (above 18pt) WCAG AA × Fail

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 243.2050, -1.8350, 5.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

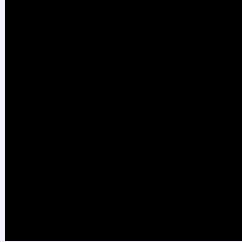
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.2050, -1.8350, 5.7250

Background



This preview shows how black text looks on a background with the YIQ color 243.2050, -1.8350, 5.7250.



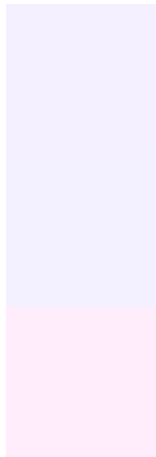
This preview shows how white text looks on a background with the YIQ color 243.2050, -1.8350,

5.7250.

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

243.2050, -1.8350, 5.7250

Protanopia

243.1940, -3.3020, 4.7780

Deuteranopia

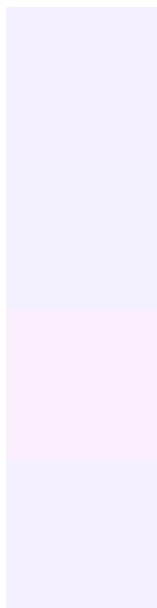
244.0920, 5.9130, 8.4810



Tritanopia

243.2050, -1.8350, 5.7250

Trichromacy



Original Color

243.2050, -1.8350, 5.7250

Protanomaly

243.4930, -2.7060, 4.9900

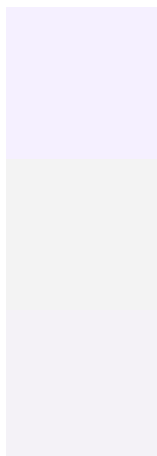
Deuteranomaly

243.5970, 2.9330, 7.4210

Tritanomaly

243.2050, -1.8350, 5.7250

Monochromacy



Original Color

243.2050, -1.8350, 5.7250

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.2050, -1.8350, 5.7250 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(245, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 255)  
}
```

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(245, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 255) }
```

Border

The CSS property to change the border of an element to YIQ 243.2050, -1.8350, 5.7250 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(245, 240, 255) }
```


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

```
.border{ border-color:rgb(245, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 243.2050, -1.8350, 5.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 255) }
```

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

```
.background{ background-color: rgb(245,  
240, 255) }
```

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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