

Converting Colors

YIQ(243.2160, -0.3680, 6.6720)

Have a look what the booklet for
YIQ(243.2160, -0.3680, 6.6720)
contains.

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Color

**YIQ(243.2160, -0.3680,
6.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EFFF
RGB	247, 239, 255
RGB Percent	97%, 94%, 100%
CMY	0.0313, 0.0627, 0.0000
CMYK	0.03, 0.06, 0.00, 0.00
HSL	270°, 100%, 97%
HSV	270°, 6%, 100%
XYZ	87.2753, 88.7263, 107.1308
YIQ	243.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

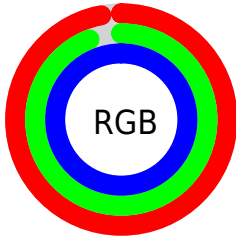
Format	Color
R_{YB}	247, 239, 255
Decimal	16248831
CIE _{Lab}	95.47, 5.53, -6.74
CIE _{LCh}	95, 8.715, 309.355
Yxy	88.7263, 0.3082, 0.3134
Android (android.graphics.Color)	4294438911 (0xFF7EFFF)
YUV	243.2160, 5.8095, 3.3186
Hunter-Lab	94.1947, 0.5472, -1.4963

Details

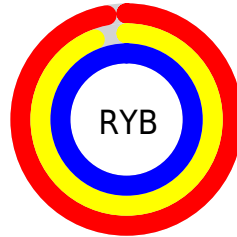
The YIQ color $243.2160, -0.3680, 6.6720$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.7840, 0.3680, -6.6720$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.1020, -0.0470, 6.3610$ is the 20% darker color. If you saturate the color by 10%, you get $224.6540, -1.2410, 16.9910$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

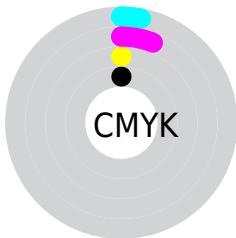
Distribution



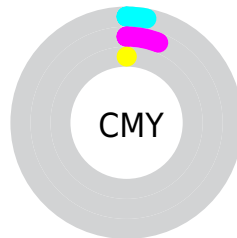
- Red (97%)
- Green (94%)
- Blue (100%)



- Red (97%)
- Yellow (94%)
- Blue (100%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.2160, -0.3680, 6.6720 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 243.2160, -0.3680, 6.6720 by changing the saturation by 10% instead.


 243.2160, -0.3680,
6.6720

 243.2160, -0.3680,
6.6720


255.0000, -0.0000,
-0.0000


 215.1020, -0.0470,
6.3610

 187.1020, -0.0470,
6.3610

 160.1020, -0.0470,
6.3610

 133.8030, -0.6430,
6.1490

 108.6890, -0.3220,
5.8380

 84.2760, -0.5970,
5.3150

 61.2760, -0.5970,

5.3150

■ 39.1620, -0.2760,
5.0040

■ 18.4610, 0.3200,
5.2160

■ 243.2160, -0.3680,
6.6720

■ 243.2160, -0.3680,
6.6720

■ 224.6540, -1.2410,
16.9910

255.0000, -0.0000,
-0.0000

■ 205.8040, -1.2430,
28.0450

■ 187.2420, -2.1160,
38.3640

■ 168.0930, -2.7140,
49.2060

■ 149.5310, -3.5870,
59.5250

■ 130.6810, -3.5890,
70.5790

■ 112.1190, -4.4620,
80.8980

■ 92.9700, -5.0600,
91.7400

■ 74.4080, -5.9330,
102.0590

Harmonies

Analogous

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



241.9870, -7.1530, 2.9830



243.2160, -0.3680, 6.6720



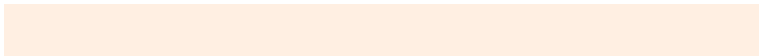
243.6360, 7.1970, 7.2370

Triad

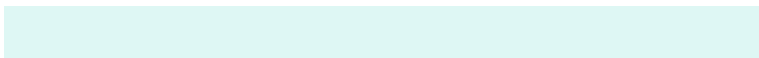
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.2160, -0.3680, 6.6720



242.3020, 13.7090, -0.6510



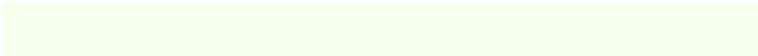
239.1830, -13.9370, -6.2330

Complementary

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



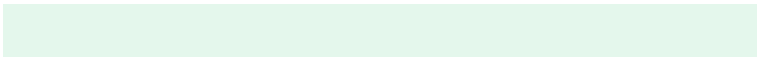
243.2160, -0.3680, 6.6720



250.7840, 0.3680, -6.6720

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.



240.0650, -7.7930, -7.4490



243.2160, -0.3680, 6.6720



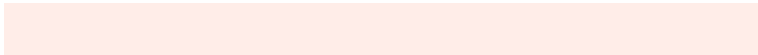
241.2580, 7.8410, -4.4390

Square

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



243.2160, -0.3680, 6.6720



241.8120, 12.3330, 2.2610



240.7840, 0.3680, -6.6720



239.5080, -16.2300, -3.2220

Rectangle

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



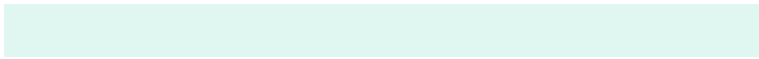
243.2160, -0.3680, 6.6720



242.3650, 9.3980, 5.8940



240.7840, 0.3680, -6.6720



239.4390, -11.7820, -6.7420

Sweetspot

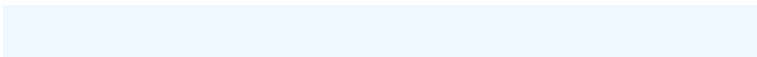
The Sweet Spot groups the original color and five complimentary colors.



243.2160, -0.3680, 6.6720



251.1680, -0.4130, 1.9790



245.5200, -7.3360, 0.7920



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.



243.2160, -0.3680, 6.6720



240.2700, -0.4600, 8.3400



245.6080, 4.4000, 8.3680



118.2760, -0.5970, 5.3150



50.4780, -4.0950, 79.7530



16.8640, -1.4720, 26.6880

Inverse Universe

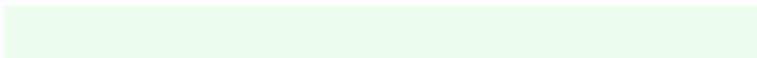
The Inverse Universe completely reimagines the original color for something new.



244.6960, 6.9680, 5.8800



242.1200, 8.7100, 7.3500



248.3920, -4.4000, -8.3680



119.5710, 5.8220, 4.6220



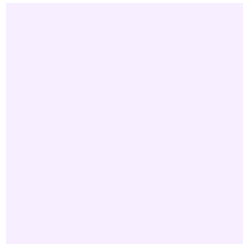
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 243.2160, -0.3680, 6.6720 looks on a white background.

Color Contrast Check

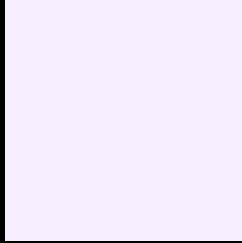
Large Text (above 18pt) WCAG AA × Fail

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 243.2160, -0.3680, 6.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

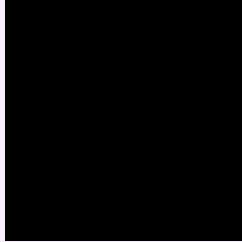
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.2160, -0.3680, 6.6720

Background



This preview shows how black text looks on a background with the YIQ color 243.2160, -0.3680, 6.6720.



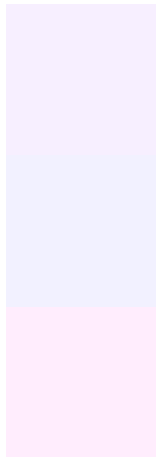
This preview shows how white text looks on a background with the YIQ color 243.2160, -0.3680,

6.6720.

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

243.2160, -0.3680, 6.6720

Protanopia

242.8950, -3.8980, 4.5660

Deuteranopia

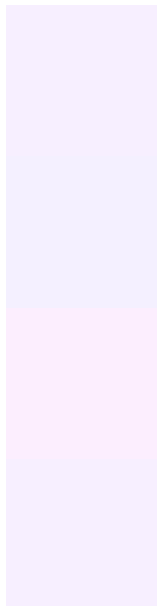
244.2060, 5.5920, 8.7920



Tritanopia

243.2160, -0.3680, 6.6720

Trichromacy



Original Color

243.2160, -0.3680, 6.6720

Protanomaly

242.9060, -2.4310, 5.5130

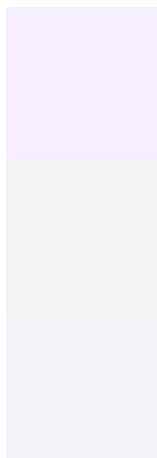
Deuteranomaly

244.0100, 3.2080, 7.9440

Tritanomaly

243.2160, -0.3680, 6.6720

Monochromacy



Original Color

243.2160, -0.3680, 6.6720

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 243.2160, -0.3680, 6.6720 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(247, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 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(247, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 255) }
```

Border

The CSS property to change the border of an element to YIQ 243.2160, -0.3680, 6.6720 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(247, 239, 255) }
```


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

```
.border{ border-color:rgb(247, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 243.2160, -0.3680, 6.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 255) }
```

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

```
.background{ background-color: rgb(247,  
239, 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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