

Converting Colors

YIQ(243.2220, -9.6730, -6.4170)

Have a look what the booklet for
YIQ(243.2220, -9.6730, -6.4170)
contains.

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Color

**YIQ(243.2220, -9.6730,
-6.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FAF3
RGB	230, 250, 243
RGB Percent	90%, 98%, 95%
CMY	0.0981, 0.0196, 0.0471
CMYK	0.08, 0.00, 0.03, 0.02
HSL	159°, 67%, 94%
HSV	159°, 8%, 98%
XYZ	82.9935, 91.6678, 98.1068
YIQ	243.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

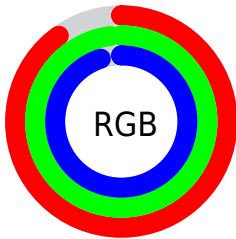
Format	Color
R _Y B	230, 242, 250
Decimal	15137523
CIE Lab	96.68, -7.81, 1.11
CIE LCh	97, 7.886, 171.894
Yxy	91.6678, 0.3043, 0.3361
Android (android.graphics.Color)	4293327603 (0xFFE6FAF3)
YUV	243.2220, -0.1094, -11.5957
Hunter-Lab	95.7433, -12.8210, 6.2667

Details

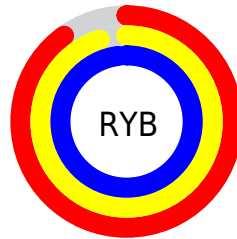
The YIQ color $243.2220, -9.6730, -6.4170$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.7780, 9.6730, 6.4170$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.2220, -9.6730, -6.4170$ is the 20% darker color. If you saturate the color by 10%, you get $234.7210, -21.6840, -14.5160$, and if you desaturate by 10%, it is $251.7230, 2.3380, 1.6820$.

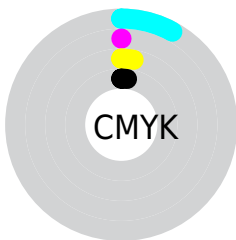
Distribution



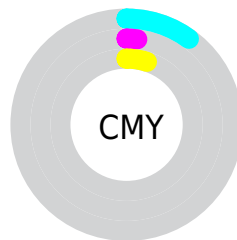
- Red (90%)
- Green (98%)
- Blue (95%)



- Red (90%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.2220, -9.6730, -6.4170 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 243.2220, -9.6730, -6.4170 by changing the saturation by 10% instead.

 243.2220, -9.6730,
-6.4170


 243.2220, -9.6730,
-6.4170

255.0000, -0.0000,
-0.0000


 214.6350, -9.3980,
-5.8940

 187.2220, -9.6730,
-6.4170

 159.9340, -8.8020,
-5.6820

 133.9340, -8.8020,
-5.6820

 108.3470, -8.5270,
-5.1590

 84.2330, -8.2060,
-5.4700

 61.2330, -8.2060,

-5.4700

■ 38.9450, -7.3350,
-4.7350

■ 17.7490, -9.7190,
-5.5830

■ 243.2220, -9.6730,
-6.4170

■ 243.2220, -9.6730,
-6.4170

■ 234.7210,
-21.6840, -14.5160

■ 251.7230, 2.3380,
1.6820

■ 226.2200,
-33.6950, -22.6150

■ 252.0650, 1.3750,
2.6150

■ 217.8330,
-46.0270, -30.4030

■ 209.3320,
-58.0380, -38.5020

■ 200.8310,
-70.0490, -46.6010

■ 192.3300,
-82.0600, -54.7000

■ 183.9430,
-94.3920, -62.4880

■ 175.4420,
-106.4030, -70.5870

■ 166.9410,
-118.4140, -78.6860

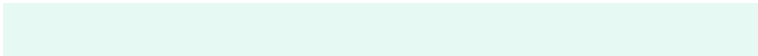
Harmonies

Analogous

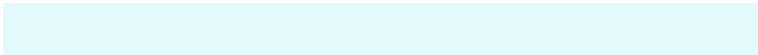
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9300, -2.9790, -6.5870



243.2220, -9.6730, -6.4170



243.2370, -14.0290, -4.5650

Triad

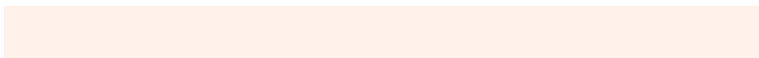
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.2220, -9.6730, -6.4170



245.5530, -2.9350, 3.6330



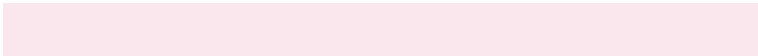
244.9750, 10.3160, 0.2680

Complementary

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



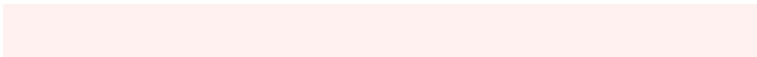
243.2220, -9.6730, -6.4170



236.7780, 9.6730, 6.4170

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.



245.0720, 8.6650, 2.6570



243.2220, -9.6730, -6.4170



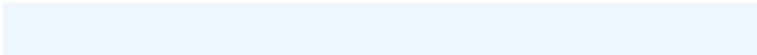
247.0700, 2.9790, 6.5870

Square

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



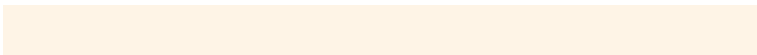
243.2220, -9.6730, -6.4170



244.6230, -9.1240, 0.1560



245.9840, 6.0970, 5.1450



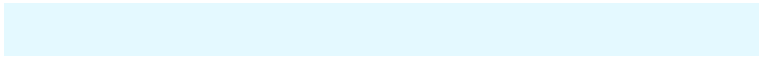
245.3940, 10.4540, -2.2340

Rectangle

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



243.2220, -9.6730, -6.4170



243.4050, -14.4420, -2.5860



245.9840, 6.0970, 5.1450



244.6160, 9.9490, 1.4130

Sweetspot

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



243.2220, -9.6730, -6.4170



253.2770, -2.3380, -1.6820



243.8330, -1.3280, -8.9760



126.9890, -1.4670, -0.9470



0.0000, 0.0000, 0.0000



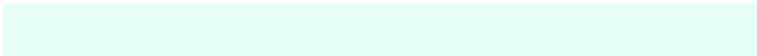
128.0000, -0.0000, -0.0000

Same Dimension

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



243.2220, -9.6730, -6.4170



246.4990, -12.0110, -8.0990



242.2590, -11.0950, -2.6710



120.6570, -6.4640, -4.0000



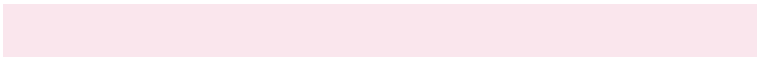
124.9650, -91.4580, -60.5940



40.3670, -29.6150, -19.4630

Inverse Universe

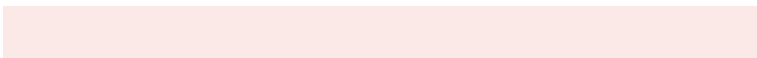
The Inverse Universe completely reimagines the original color for something new.



236.7780, 9.6730, 6.4170



238.3870, 12.3320, 7.7880



237.7410, 11.0950, 2.6710



116.4570, 6.1430, 4.3110



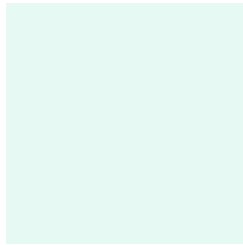
64.0350, 91.4580, 60.5940



20.6330, 29.6150, 19.4630

Previews

White Background



This preview shows how the YIQ color 243.2220, -9.6730, -6.4170 looks on a white background.

Color Contrast Check

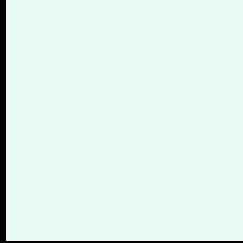
Large Text (above 18pt) WCAG AA × Fail

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 243.2220, -9.6730, -6.4170 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

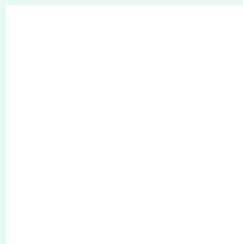
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.2220, -9.6730, -6.4170

Background



This preview shows how black text looks on a background with the YIQ color 243.2220, -9.6730, -6.4170.



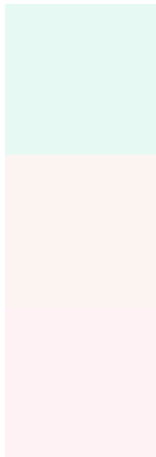
This preview shows how white text looks on a background with the YIQ color 243.2220, -9.6730, -6.4170.

-6.470.

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

243.2220, -9.6730, -6.4170

Protanopia

245.6370, 5.4560, 0.2400

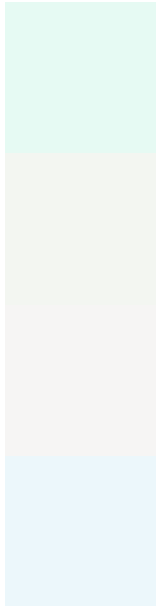
Deuteranopia

246.2290, 6.7850, 3.6890

Tritanopia

245.2320, -6.4650, 1.5270

Trichromacy



Original Color

243.2220, -9.6730, -6.4170

Protanomaly

244.5330, -0.1830, -2.1910

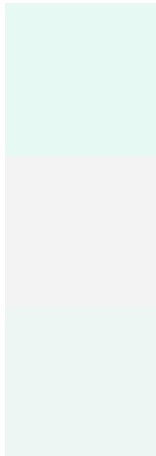
Deuteranomaly

245.1850, 0.9170, -0.0990

Tritanomaly

244.1670, -7.8400, -1.0880

Monochromacy



Original Color

243.2220, -9.6730, -6.4170

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.2660, -3.8050, -2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.2220, -9.6730, -6.4170 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(230, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 243)  
}
```

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(230, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 243) }
```

Border

The CSS property to change the border of an element to YIQ 243.2220, -9.6730, -6.4170 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(230, 250, 243) }
```


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

```
.border{ border-color:rgb(230, 250, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 250, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 243.2220, -9.6730, -6.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 243) }
```

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

```
.background{ background-color: rgb(230,  
250, 243) }
```

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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