

Converting Colors

YIQ(245.2000, -3.4390, 1.7530)

Have a look what the booklet for
YIQ(245.2000, -3.4390, 1.7530)
contains.

YIQ(245.2000, -3.4390, 1.7530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(245.2000, -3.4390,
1.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F5FC
RGB	243, 245, 252
RGB Percent	95%, 96%, 99%
CMY	0.0471, 0.0392, 0.0118
CMYK	0.04, 0.03, 0.00, 0.01
HSL	227°, 60%, 97%
HSV	227°, 4%, 99%
XYZ	87.1847, 91.3880, 105.1359
YIQ	245.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

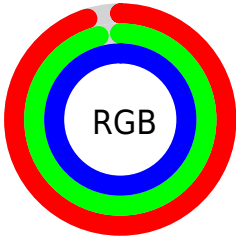
Format	Color
R_{YB}	243, 245, 252
Decimal	15988220
CIE _{Lab}	96.57, 0.60, -3.59
CIE _{LCh}	97, 3.643, 279.495
Yxy	91.3880, 0.3073, 0.3221
Android (android.graphics.Color)	4294178300 (0xFFFF3F5FC)
YUV	245.2000, 3.3524, -1.9294
Hunter-Lab	95.5971, -4.5025, 1.7119

Details

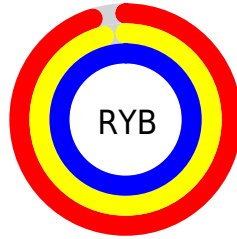
The YIQ color $245.2000, -3.4390, 1.7530$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.8000, 3.4390, -1.7530$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.0860, -3.1180, 1.4420$ is the 20% darker color. If you saturate the color by 10%, you get $225.9850, -12.8390, 6.9130$, and if you desaturate by 10%, it is $254.6580, 0.9630, -0.9330$.

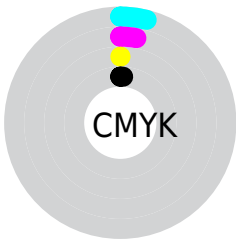
Distribution



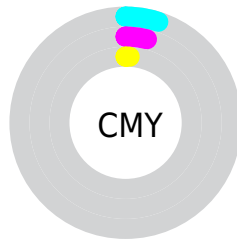
- Red (95%)
- Green (96%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.2000, -3.4390, 1.7530 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 245.2000, -3.4390, 1.7530 by changing the saturation by 10% instead.

■ 245.2000, -3.4390,
1.7530

■ 245.2000, -3.4390,
1.7530

255.0000, -0.0000,
-0.0000

■ 217.0860, -3.1180,
1.4420

■ 189.0860, -3.1180,
1.4420

■ 162.0860, -3.1180,
1.4420

■ 136.0860, -3.1180,
1.4420

■ 110.0860, -3.1180,
1.4420

■ 86.0860, -3.1180,
1.4420

■ 62.9720, -2.7970,

1.1310

■ 40.9720, -2.7970,
1.1310

■ 20.2710, -2.2010,
1.3430

■ 245.2000, -3.4390,
1.7530

■ 245.2000, -3.4390,
1.7530

■ 225.9850,
-12.8390, 6.9130

254.6580, 0.9630,
-0.9330

■ 207.3570,
-22.5140, 11.5500

■ 187.8430,
-32.5100, 16.4980

■ 169.2150,
-42.1850, 21.1350

■ 150.0000,
-51.5850, 26.2950

■ 131.3720,
-61.2600, 30.9320

■ 112.1570,
-70.6600, 36.0920

■ 92.6430, -80.6560,
41.0400

■ 74.0150, -90.3310,
45.6770

Harmonies

Analogous

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



244.5910, -6.0980, 0.3820



245.2000, -3.4390, 1.7530



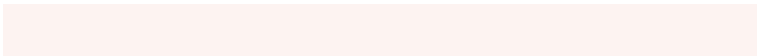
245.6950, -0.4590, 2.8130

Triad

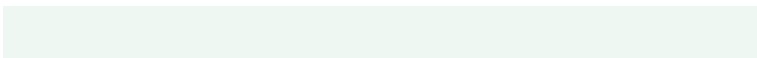
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.2000, -3.4390, 1.7530



245.7620, 6.6020, 1.4980



244.1520, -3.4840, -2.9400

Complementary

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



245.2000, -3.4390, 1.7530



249.8000, 3.4390, -1.7530

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.



244.4190, 0.1380, -2.5020



245.2000, -3.4390, 1.7530



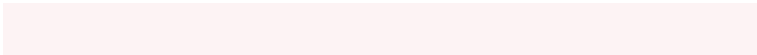
245.5230, 5.7770, -0.0710

Square

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



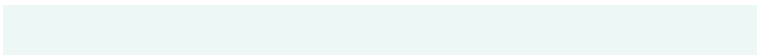
245.2000, -3.4390, 1.7530



246.1040, 5.6390, 2.4310



244.8000, 3.4390, -1.7530



243.8960, -5.6390, -2.4310

Rectangle

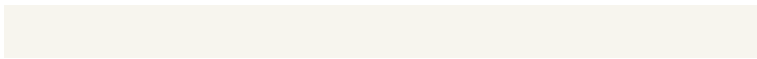
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.2000, -3.4390, 1.7530



245.7770, 2.2460, 3.3500



244.8000, 3.4390, -1.7530



244.2230, -2.2460, -3.3500

Sweetspot

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



245.2000, -3.4390, 1.7530



252.9290, -1.2380, 0.4100



249.0810, -4.7220, -2.5300



126.8150, -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.



245.2000, -3.4390, 1.7530



247.3140, -3.7600, 2.0640



244.6240, -1.6970, 3.2230



120.2710, -2.2010, 1.3430



46.2000, -72.2190, 36.8130



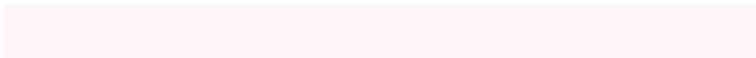
15.1720, -23.4310, 11.6490

Inverse Universe

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



245.9190, 4.7220, 2.5300



248.2180, 5.3180, 2.7420



250.3760, 1.6970, -3.2230



120.9080, 3.2550, 1.5830



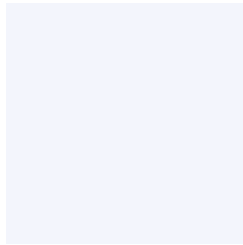
61.2990, 99.1620, 53.1300



19.8350, 31.8620, 17.2860

Previews

White Background



This preview shows how the YIQ color 245.2000, -3.4390, 1.7530 looks on a white background.

Color Contrast Check

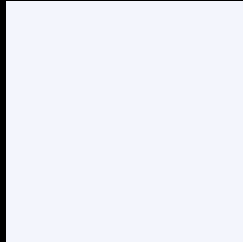
Large Text (above 18pt) WCAG AA × Fail

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 245.2000, -3.4390, 1.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

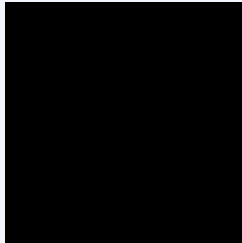
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

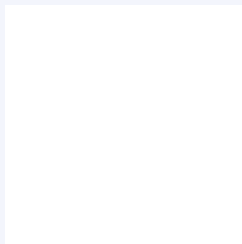
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.2000, -3.4390, 1.7530

Background



This preview shows how black text looks on a background with the YIQ color 245.2000, -3.4390, 1.7530.



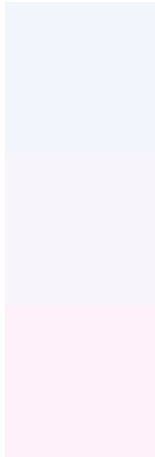
This preview shows how white text looks on a background with the YIQ color 245.2000, -3.4390,

1.7530.

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

245.2000, -3.4390, 1.7530

Protanopia

245.6950, -0.4590, 2.8130

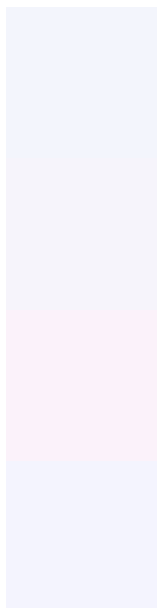
Deuteranopia

246.0980, 5.7760, 5.4560

Tritanopia

245.5530, -2.9350, 3.6330

Trichromacy



Original Color

245.2000, -3.4390, 1.7530

Protanomaly

245.3960, -1.0550, 2.6010

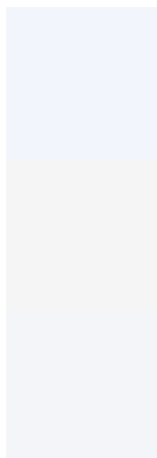
Deuteranomaly

245.6030, 2.7960, 4.3960

Tritanomaly

245.1400, -3.2100, 3.1100

Monochromacy



Original Color

245.2000, -3.4390, 1.7530

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.2000, -3.4390, 1.7530 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(243, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 252)  
}
```

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(243, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 252) }
```

Border

The CSS property to change the border of an element to YIQ 245.2000, -3.4390, 1.7530 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(243, 245, 252) }
```


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

```
.border{ border-color:rgb(243, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 245.2000, -3.4390, 1.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 252) }
```

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

```
.background{ background-color: rgb(243,  
245, 252) }
```

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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