

Converting Colors

YIQ(232.9390, 1.9700, 8.3540)

Have a look what the booklet for
YIQ(232.9390, 1.9700, 8.3540)
contains.

YIQ(232.9390, 1.9700, 8.3540)	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(232.9390, 1.9700,
8.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3F5
RGB	240, 227, 245
RGB Percent	94%, 89%, 96%
CMY	0.0588, 0.1098, 0.0392
CMYK	0.02, 0.07, 0.00, 0.04
HSL	283°, 47%, 93%
HSV	283°, 7%, 96%
XYZ	79.8876, 80.0548, 97.6265
YIQ	232.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

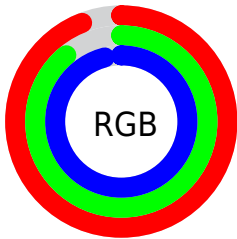
Format	Color
R _Y B	240, 227, 245
Decimal	15786997
CIE Lab	91.71, 7.60, -7.15
CIE LCh	92, 10.434, 316.746
Yxy	80.0548, 0.3102, 0.3108
Android (android.graphics.Color)	4293977077 (0xFFFF0E3F5)
YUV	232.9390, 5.9461, 6.1925
Hunter-Lab	89.4734, 2.7980, -2.0614

Details

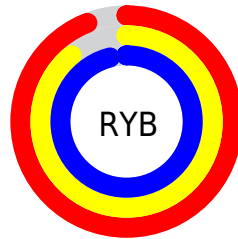
The YIQ color $232.9390, 1.9700, 8.3540$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.0610, -1.9700, -8.3540$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.5260, 1.6950, 7.8310$ is the 20% darker color. If you saturate the color by 10%, you get $216.7580, 4.3980, 19.4220$, and if you desaturate by 10%, it is $249.7070, -0.7330, -3.2370$.

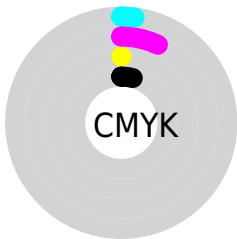
Distribution



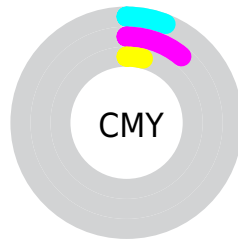
- Red (94%)
- Green (89%)
- Blue (96%)



- Red (94%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.9390, 1.9700, 8.3540 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 232.9390, 1.9700, 8.3540 by changing the saturation by 10% instead.

232.9390, 1.9700,
8.3540

232.9390, 1.9700,
8.3540

255.0000, -0.0000,
-0.0000

204.9390, 1.9700,
8.3540

177.5260, 1.6950,
7.8310

150.5260, 1.6950,
7.8310

124.5260, 1.6950,
7.8310

99.9990, 1.7410,
6.9970

75.9990, 1.7410,
6.9970

53.5860, 1.4660,

6.4740

■ 32.1730, 1.1910,
5.9510

■ 8.0640, 3.1160,
9.6120

■ 232.9390, 1.9700,
8.3540

■ 232.9390, 1.9700,
8.3540

■ 216.7580, 4.3980,
19.4220

■ 249.7070, -0.7330,
-3.2370

■ 199.9900, 7.1010,
31.0130

■ 253.5610, 2.6140,
-3.3220

■ 184.1080, 10.1250,
42.2930

■ 253.8600, 3.2100,
-3.1100

■ 167.3400, 12.8280,
53.8840

■ 151.1590, 15.2560,
64.9520

■ 134.3910, 17.9590,
76.5430

■ 118.2100, 20.3870,
87.6110

■ 101.7410, 23.6860,
99.4140

■ 85.5600, 26.1140,
110.4820

Harmonies

Analogous

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



231.6820, -7.6120, 5.7960



232.9390, 1.9700, 8.3540



233.4300, 10.7730, 8.5090

Triad

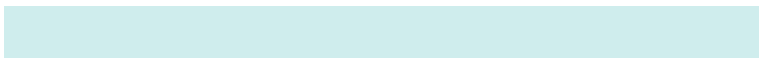
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.9390, 1.9700, 8.3540



231.5470, 14.3970, -2.1070



228.0300, -17.8800, -6.3600

Complementary

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



232.9390, 1.9700, 8.3540



239.0610, -1.9700, -8.3540

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.



228.2710, -11.3690, -8.7210



232.9390, 1.9700, 8.3540



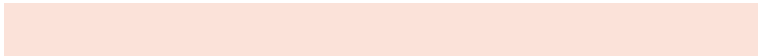
230.3180, 7.6120, -5.7960

Square

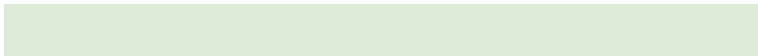
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.9390, 1.9700, 8.3540



232.4490, 17.7890, 2.5010



229.0610, -1.9700, -8.3540



228.6540, -19.5770, -3.1370

Rectangle

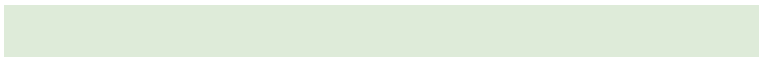
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.9390, 1.9700, 8.3540



233.8280, 15.4040, 7.1800



229.0610, -1.9700, -8.3540



227.8730, -16.0000, -7.3920

Sweetspot

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



232.9390, 1.9700, 8.3540



251.7660, 0.7790, 2.4030



231.9870, -7.1530, 2.9830



125.9400, 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.



232.9390, 1.9700, 8.3540



239.7050, 2.7490, 10.7570



233.9780, 6.2340, 8.1700



114.0590, 1.5120, 5.6400



61.5690, 20.7540, 86.4660



19.2840, 6.0930, 27.2530

Inverse Universe

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



232.9520, 9.1230, 5.3710



239.5610, 11.7820, 6.7420



238.0220, -6.2340, -8.1700



114.0440, 5.8680, 3.7880



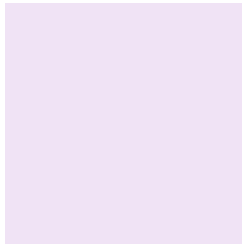
61.5420, 94.1640, 55.6040



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 232.9390, 1.9700, 8.3540 looks on a white background.

Color Contrast Check

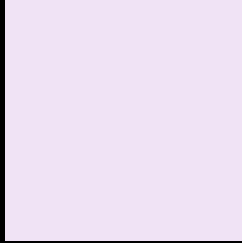
Large Text (above 18pt) WCAG AA × Fail

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 232.9390, 1.9700, 8.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

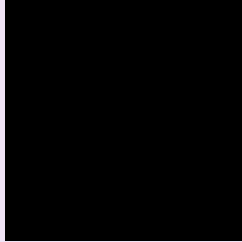
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

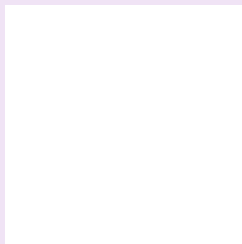
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.9390, 1.9700, 8.3540

Background



This preview shows how black text looks on a background with the YIQ color 232.9390, 1.9700, 8.3540.



This preview shows how white text looks on a background with the YIQ color 232.9390, 1.9700,

8.3540.

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

232.9390, 1.9700, 8.3540

Protanopia

232.2370, -4.8610, 5.4990

Deuteranopia

233.2710, 6.9670, 11.4070



Tritanopia

232.9390, 1.9700, 8.3540

Trichromacy



Original Color

232.9390, 1.9700, 8.3540

Protanomaly

232.4330, -2.4770, 6.3470

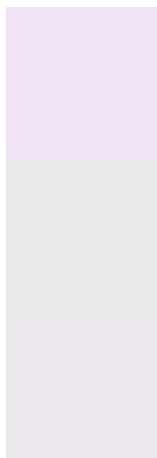
Deuteranomaly

232.9610, 4.9040, 10.2480

Tritanomaly

232.9390, 1.9700, 8.3540

Monochromacy



Original Color

232.9390, 1.9700, 8.3540

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.9390, 1.9700, 8.3540 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(240, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 245)  
}
```

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(240, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 245) }
```

Border

The CSS property to change the border of an element to YIQ 232.9390, 1.9700, 8.3540 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(240, 227, 245) }
```


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

```
.border{ border-color:rgb(240, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 232.9390, 1.9700, 8.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 245) }
```

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

```
.background{ background-color: rgb(240,  
227, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor