

Converting Colors

YIQ(234.5540, 4.4920, 6.7000)

Have a look what the booklet for
YIQ(234.5540, 4.4920, 6.7000)
contains.

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Color

**YIQ(234.5540, 4.4920,
6.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5F1
RGB	243, 229, 241
RGB Percent	95%, 90%, 95%
CMY	0.0470, 0.1020, 0.0549
CMYK	0.00, 0.06, 0.01, 0.05
HSL	309°, 37%, 93%
HSV	309°, 6%, 95%
XYZ	80.8609, 81.4429, 94.6790
YIQ	234.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

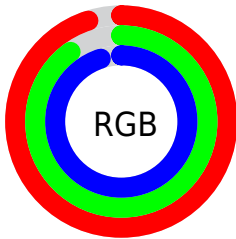
Format	Color
R _Y B	243, 229, 241
Decimal	15984113
CIE Lab	92.33, 6.84, -4.12
CIE LCh	92, 7.986, 328.926
Yxy	81.4429, 0.3147, 0.3169
Android (android.graphics.Color)	4294174193 (0xFF3E5F1)
YUV	234.5540, 3.1779, 7.4071
Hunter-Lab	90.2457, 2.0075, 0.9694

Details

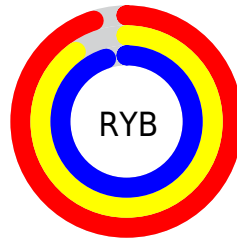
The YIQ color $234.5540, 4.4920, 6.7000$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.4460, -4.4920, -6.7000$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.1410, 4.2170, 6.1770$ is the 20% darker color. If you saturate the color by 10%, you get $220.1240, 12.0550, 18.3190$, and if you desaturate by 10%, it is $248.9840, -3.0710, -4.9190$.

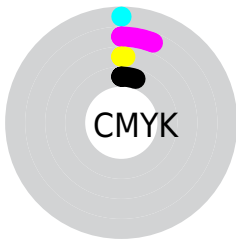
Distribution



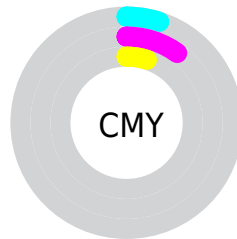
- Red (95%)
- Green (90%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.5540, 4.4920, 6.7000 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 234.5540, 4.4920, 6.7000 by changing the saturation by 10% instead.

234.5540, 4.4920,
6.7000

234.5540, 4.4920,
6.7000

255.0000, -0.0000,
-0.0000

206.5540, 4.4920,
6.7000

179.1410, 4.2170,
6.1770

152.1410, 4.2170,
6.1770

126.1410, 4.2170,
6.1770

100.8420, 3.6210,
5.9650

77.4290, 3.3460,
5.4420

54.4290, 3.3460,

5.4420

■ 33.0160, 3.0710,
4.9190

■ 9.9670, 4.7670,
7.2230

■ 234.5540, 4.4920,
6.7000

■ 234.5540, 4.4920,
6.7000

■ 220.1240, 12.0550,
18.3190

■ 248.9840, -3.0710,
-4.9190

■ 204.9930, 20.2140,
30.1500

■ 250.6140, -4.9050,
-4.7210

■ 190.5630, 27.7770,
41.7690

■ 250.9560, -5.8680,
-3.7880

■ 176.0190, 35.6610,
53.0770

■ 251.4120, -7.1520,
-2.5440

■ 161.0020, 43.4990,
65.2190

■ 146.4580, 51.3830,
76.5270

■ 132.0280, 58.9460,
88.1460

■ 117.4840, 66.8300,
99.4540

■ 102.4670, 74.6680,
111.5960

Harmonies

Analogous

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



233.6070, -3.0270, 5.3010



234.5540, 4.4920, 6.7000



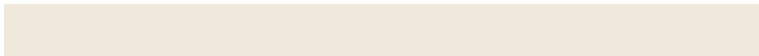
234.8490, 10.9110, 6.0070

Triad

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



234.5540, 4.4920, 6.7000



232.7960, 9.2620, -2.6580



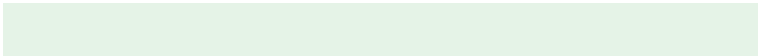
230.4650, -14.6710, -3.9430

Complementary

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



234.5540, 4.4920, 6.7000



237.4460, -4.4920, -6.7000

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.



230.7380, -11.1860, -6.5300



234.5540, 4.4920, 6.7000



231.9800, 2.7520, -5.8240

Square

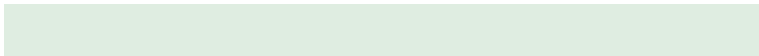
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.5540, 4.4920, 6.7000



233.9430, 13.3420, 0.4940



231.4460, -4.4920, -6.7000



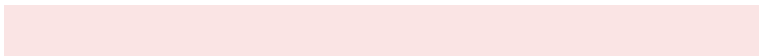
231.7580, -13.9380, -0.7060

Rectangle

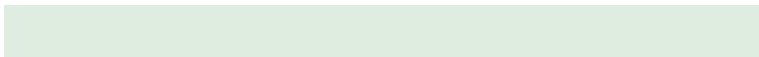
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.5540, 4.4920, 6.7000



234.5780, 13.1120, 4.6640



231.4460, -4.4920, -6.7000



231.1230, -13.7080, -4.8760

Sweetspot

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



234.5540, 4.4920, 6.7000



251.9510, 1.6960, 2.3040



231.1940, -3.3020, 4.7780



126.1250, 1.1460, 1.2580



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.



234.5540, 4.4920, 6.7000



244.0920, 5.9130, 8.4810



233.7560, 6.7390, 4.5230



116.6030, 2.7960, 4.3960



73.7400, 59.8170, 88.8810



23.3410, 19.1140, 28.0580

Inverse Universe

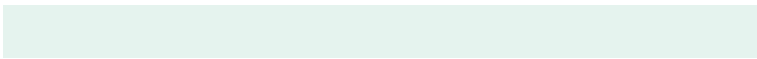
The Inverse Universe completely reimagines the original color for something new.



234.5540, 4.4920, 6.7000



244.0920, 5.9130, 8.4810



238.2440, -6.7390, -4.5230



116.6030, 2.7960, 4.3960



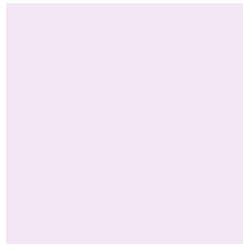
73.7400, 59.8170, 88.8810



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 234.5540, 4.4920, 6.7000 looks on a white background.

Color Contrast Check

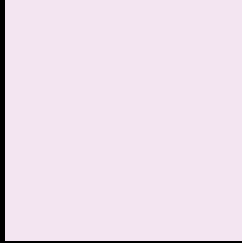
Large Text (above 18pt) WCAG AA × Fail

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 234.5540, 4.4920, 6.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

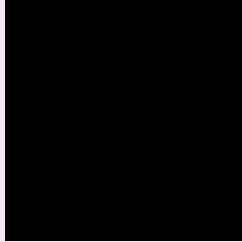
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

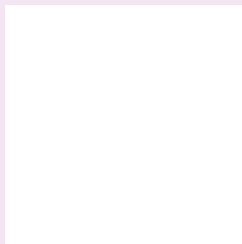
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.5540, 4.4920, 6.7000

Background



This preview shows how black text looks on a background with the YIQ color 234.5540, 4.4920, 6.7000.



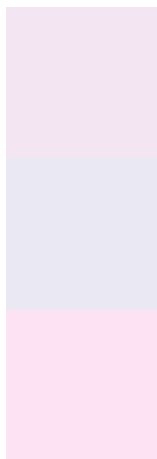
This preview shows how white text looks on a background with the YIQ color 234.5540, 4.4920,

6.7000.

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

234.5540, 4.4920, 6.7000

Protanopia

233.8520, -2.3390, 3.8450

Deuteranopia

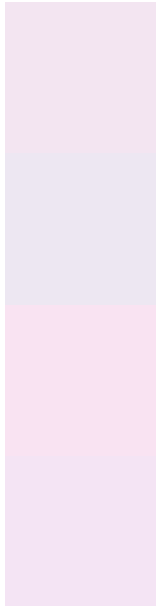
235.5980, 10.3600, 10.4880



Tritanopia

234.8360, 3.7580, 8.9900

Trichromacy



Original Color

234.5540, 4.4920, 6.7000

Protanomaly

234.0480, 0.0450, 4.6930

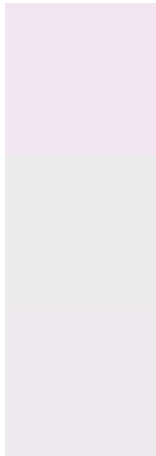
Deuteranomaly

235.2880, 8.2970, 9.3290

Tritanomaly

234.6080, 4.4000, 8.3680

Monochromacy



Original Color

234.5540, 4.4920, 6.7000

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.5540, 4.4920, 6.7000 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, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 241)  
}
```

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, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 241) }
```

Border

The CSS property to change the border of an element to YIQ 234.5540, 4.4920, 6.7000 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, 229, 241) }
```


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

```
.border{ border-color:rgb(243, 229, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 229, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 234.5540, 4.4920, 6.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 241) }
```

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

```
.background{ background-color: rgb(243,  
229, 241) }
```

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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