

Converting Colors

YIQ(237.3090, 3.8040, 8.1560)

Have a look what the booklet for
YIQ(237.3090, 3.8040, 8.1560)
contains.

YIQ(237.3090, 3.8040, 8.1560)	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(237.3090, 3.8040,
8.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E7F7
RGB	246, 231, 247
RGB Percent	96%, 91%, 97%
CMY	0.0352, 0.0941, 0.0314
CMYK	0.00, 0.06, 0.00, 0.03
HSL	296°, 50%, 94%
HSV	296°, 6%, 97%
XYZ	83.3729, 83.4587, 99.7112
YIQ	237.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

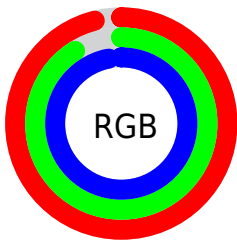
Format	Color
R _Y B	246, 231, 247
Decimal	16181239
CIE Lab	93.21, 7.87, -5.92
CIE LCh	93, 9.850, 323.079
Yxy	83.4587, 0.3128, 0.3131
Android (android.graphics.Color)	4294371319 (0xFF6E7F7)
YUV	237.3090, 4.7777, 7.6220
Hunter-Lab	91.3557, 3.0298, -0.7637

Details

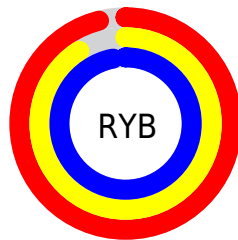
The YIQ color $237.3090, 3.8040, 8.1560$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.6910, -3.8040, -8.1560$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.3090, 3.8040, 8.1560$ is the 20% darker color. If you saturate the color by 10%, you get $222.0360, 9.4870, 20.8070$, and if you desaturate by 10%, it is $251.9950, -1.6040, -3.9720$.

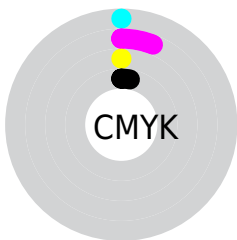
Distribution



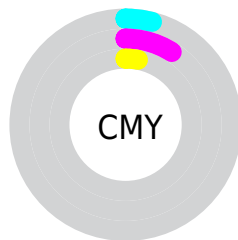
- Red (96%)
- Green (91%)
- Blue (97%)



- Red (96%)
- Yellow (91%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.3090, 3.8040, 8.1560 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 237.3090, 3.8040, 8.1560 by changing the saturation by 10% instead.

237.3090, 3.8040,
8.1560

237.3090, 3.8040,
8.1560

255.0000, -0.0000,
-0.0000

209.3090, 3.8040,
8.1560

181.3090, 3.8040,
8.1560

154.8960, 3.5290,
7.6330

128.4830, 3.2540,
7.1100

103.4830, 3.2540,
7.1100

79.4830, 3.2540,
7.1100

56.6570, 2.7040,

6.0640

■ 34.6570, 2.7040,
6.0640

■ 12.3090, 3.8040,
8.1560

■ 237.3090, 3.8040,
8.1560

■ 237.3090, 3.8040,
8.1560

■ 222.0360, 9.4870,
20.8070

■ 251.9950, -1.6040,
-3.9720

■ 207.6490, 15.4910,
33.1470

■ 252.2940, -1.0080,
-3.7600

■ 192.3760, 21.1740,
45.7980

■ 252.8920, 0.1840,
-3.3360

■ 177.4020, 27.4530,
58.6610

■ 253.1910, 0.7800,
-3.1240

162.1290, 33.1360,
71.3120

253.7890, 1.9720,
-2.7000

147.7420, 39.1400,
83.6520

254.0880, 2.5680,
-2.4880

132.4690, 44.8230,
96.3030

117.4950, 51.1020,
109.1660

102.8090, 56.5100,
121.2940

Harmonies

Analogous

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



236.4650, -5.5030, 6.1210



237.3090, 3.8040, 8.1560



237.5010, 12.0110, 8.0990

Triad

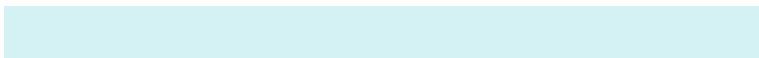
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.3090, 3.8040, 8.1560



235.6500, 12.6090, -2.7430



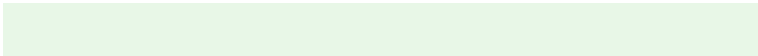
232.5570, -17.9260, -5.5260

Complementary

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



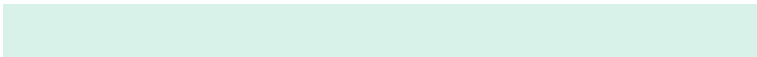
237.3090, 3.8040, 8.1560



240.6910, -3.8040, -8.1560

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.



232.6130, -12.3320, -7.7880



237.3090, 3.8040, 8.1560



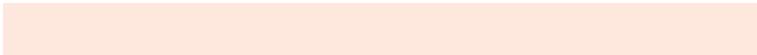
234.2360, 4.9070, -6.3330

Square

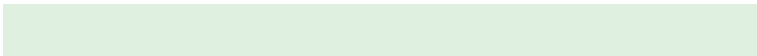
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.3090, 3.8040, 8.1560



236.7370, 16.9180, 1.7660



233.3920, -4.4000, -8.3680



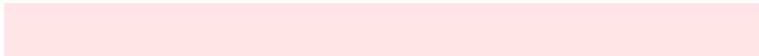
233.6650, -18.1100, -2.1900

Rectangle

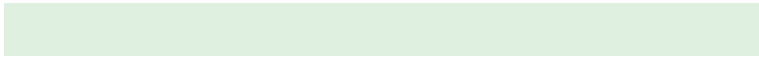
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.3090, 3.8040, 8.1560



237.1160, 14.5330, 6.4450



233.3920, -4.4000, -8.3680



232.4000, -16.0460, -6.5580

Sweetspot

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



237.3090, 3.8040, 8.1560



252.0650, 1.3750, 2.6150



233.4110, -5.4110, 4.4530



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.



237.3090, 3.8040, 8.1560



242.9610, 4.9040, 10.2480



236.8100, 6.6470, 6.1910



114.9560, 3.3000, 6.2760



73.5290, 44.5940, 94.9460



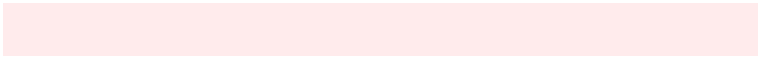
23.1710, 13.8410, 30.0090

Inverse Universe

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



235.8980, 9.2150, 3.7030



241.0940, 11.5990, 4.5510



241.1900, -6.6470, -6.1910



113.7020, 6.8310, 2.8550



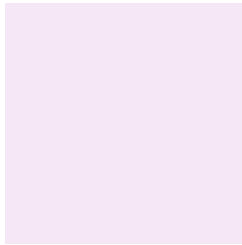
56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 237.3090, 3.8040, 8.1560 looks on a white background.

Color Contrast Check

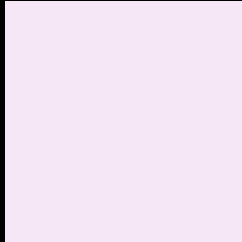
Large Text (above 18pt) WCAG AA × Fail

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 237.3090, 3.8040, 8.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

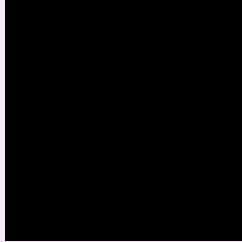
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 237.3090, 3.8040, 8.1560

Background



This preview shows how black text looks on a background with the YIQ color 237.3090, 3.8040, 8.1560.



This preview shows how white text looks on a background with the YIQ color 237.3090, 3.8040,

8.1560.

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

237.3090, 3.8040, 8.1560

Protanopia

236.3080, -3.6230, 5.0890

Deuteranopia

238.2280, 8.5260, 10.6860



Tritanopia

237.5370, 3.1620, 8.7780

Trichromacy



Original Color

237.3090, 3.8040, 8.1560

Protanomaly

236.8030, -0.6430, 6.1490

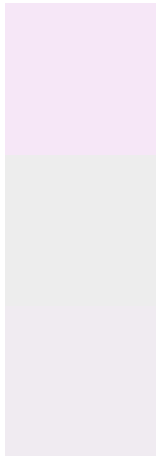
Deuteranomaly

237.9180, 6.4630, 9.5270

Tritanomaly

237.4230, 3.4830, 8.4670

Monochromacy



Original Color

237.3090, 3.8040, 8.1560

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.3090, 3.8040, 8.1560 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(246, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 247)  
}
```

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(246, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 247) }
```

Border

The CSS property to change the border of an element to YIQ 237.3090, 3.8040, 8.1560 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(246, 231, 247) }
```


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

```
.border{ border-color:rgb(246, 231, 247) }
```

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

Here you see how a box with a 4 pixel rgb(246, 231, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 237.3090, 3.8040, 8.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 247) }
```

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

```
.background{ background-color: rgb(246,  
231, 247) }
```

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