

Converting Colors

YIQ(238.2060, 5.5920, 8.7920)

Have a look what the booklet for
YIQ(238.2060, 5.5920, 8.7920)
contains.

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Color

**YIQ(238.2060, 5.5920,
8.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7F7
RGB	249, 231, 247
RGB Percent	98%, 91%, 97%
CMY	0.0235, 0.0941, 0.0314
CMYK	0.00, 0.07, 0.01, 0.02
HSL	307°, 60%, 94%
HSV	307°, 7%, 98%
XYZ	84.4344, 84.0054, 99.7622
YIQ	238.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

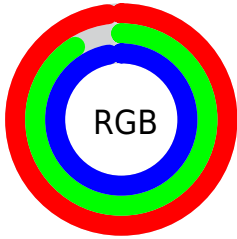
Format	Color
R _Y B	249, 231, 247
Decimal	16377847
CIE Lab	93.45, 8.87, -5.54
CIE LCh	93, 10.460, 328.018
Yxy	84.0054, 0.3148, 0.3132
Android (android.graphics.Color)	4294567927 (0xFFFF9E7F7)
YUV	238.2060, 4.3354, 9.4663
Hunter-Lab	91.6544, 4.0435, -0.3767

Details

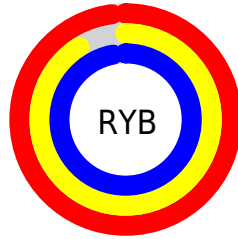
The YIQ color $238.2060, 5.5920, 8.7920$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.7940, -5.5920, -8.7920$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.2060, 5.5920, 8.7920$ is the 20% darker color. If you saturate the color by 10%, you get $223.1890, 13.4300, 20.9340$, and if you desaturate by 10%, it is $252.6360, -1.9710, -2.8270$.

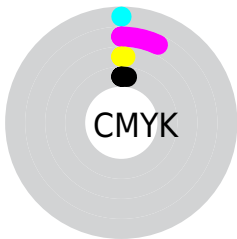
Distribution



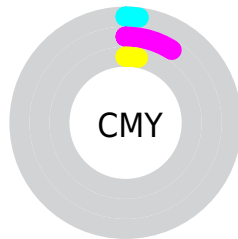
- Red (98%)
- Green (91%)
- Blue (97%)



- Red (98%)
- Yellow (91%)
- Blue (97%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.2060, 5.5920, 8.7920 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 238.2060, 5.5920, 8.7920 by changing the saturation by 10% instead.

238.2060, 5.5920,
8.7920

238.2060, 5.5920,
8.7920

255.0000, -0.0000,
-0.0000

209.9070, 4.9960,
8.5800

182.2060, 5.5920,
8.7920

155.4940, 4.7210,
8.0570

129.3800, 5.0420,
7.7460

104.3800, 5.0420,
7.7460

80.0810, 4.4460,
7.5340

57.2550, 3.8960,

6.4880

■ 35.2550, 3.8960,
6.4880

■ 13.2060, 5.5920,
8.7920

■ 238.2060, 5.5920,
8.7920

■ 238.2060, 5.5920,
8.7920

■ 223.1890, 13.4300,
20.9340

■ 252.6360, -1.9710,
-2.8270

■ 208.1720, 21.2680,
33.0760

■ 252.9780, -2.9340,
-1.8940

■ 193.2690, 28.7850,
45.5290

■ 253.2060, -3.5760,
-1.2720

■ 178.2520, 36.6230,
57.6710

■ 163.2350, 44.4610,
69.8130

■ 148.8050, 52.0240,
81.4320

■ 133.9020, 59.5410,
93.8850

■ 118.8850, 67.3790,
106.0270

■ 103.8680, 75.2170,
118.1690

Harmonies

Analogous

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



237.4760, -4.0360, 7.0680



238.2060, 5.5920, 8.7920



238.2730, 12.6530, 7.4770

Triad

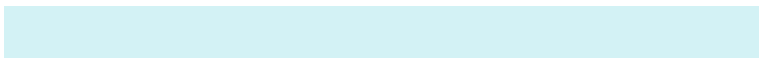
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.2060, 5.5920, 8.7920



236.1230, 12.6550, -3.5770



233.0730, -19.4390, -5.6390

Complementary

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



238.2060, 5.5920, 8.7920



241.7940, -5.5920, -8.7920

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.



232.8300, -14.4410, -8.1130



238.2060, 5.5920, 8.7920



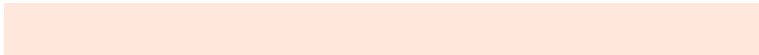
234.5240, 4.0360, -7.0680

Square

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



238.2060, 5.5920, 8.7920



237.0960, 17.2850, 0.6210



233.7940, -5.5920, -8.7920



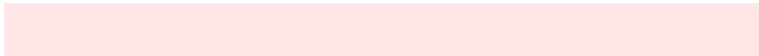
234.0070, -19.0730, -1.2570

Rectangle

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



238.2060, 5.5920, 8.7920



237.4750, 14.9000, 5.3000



233.7940, -5.5920, -8.7920



233.0300, -17.8800, -6.3600

Sweetspot

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



238.2060, 5.5920, 8.7920



251.9510, 1.6960, 2.3040



233.6500, -4.5860, 6.0220



126.1250, 1.1460, 1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

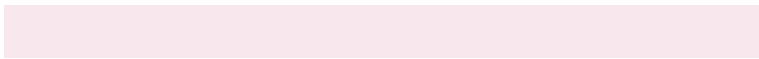
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.2060, 5.5920, 8.7920



241.1570, 7.2880, 11.0960



237.1800, 8.4810, 5.9930



117.2550, 3.8960, 6.4880



75.6630, 58.7160, 92.3160



24.3950, 19.0220, 29.7260

Inverse Universe

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



238.2060, 5.5920, 8.7920



241.1570, 7.2880, 11.0960



242.8200, -8.4810, -5.9930



117.2550, 3.8960, 6.4880



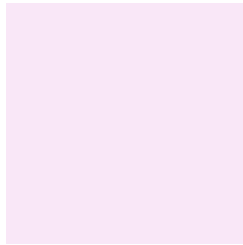
75.6630, 58.7160, 92.3160



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 238.2060, 5.5920, 8.7920 looks on a white background.

Color Contrast Check

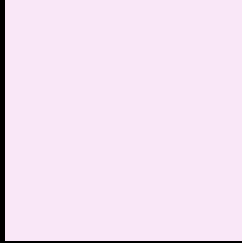
Large Text (above 18pt) WCAG AA × Fail

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 238.2060, 5.5920, 8.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

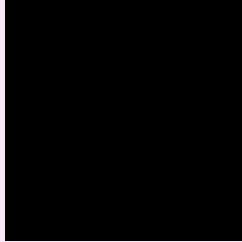
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.2060, 5.5920, 8.7920

Background



This preview shows how black text looks on a background with the YIQ color 238.2060, 5.5920, 8.7920.



This preview shows how white text looks on a background with the YIQ color 238.2060, 5.5920, 8.7920.

8.7920.

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

238.2060, 5.5920, 8.7920

Protanopia

237.1940, -3.3020, 4.7780

Deuteranopia

238.5270, 9.1220, 10.8980



Tritanopia

238.4340, 4.9500, 9.4140

Trichromacy



Original Color

238.2060, 5.5920, 8.7920

Protanomaly

237.6890, -0.3220, 5.8380

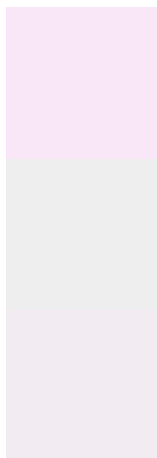
Deuteranomaly

238.5160, 7.6550, 9.9510

Tritanomaly

238.3200, 5.2710, 9.1030

Monochromacy



Original Color

238.2060, 5.5920, 8.7920

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.2060, 5.5920, 8.7920 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(249, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 247) }
```

Border

The CSS property to change the border of an element to YIQ 238.2060, 5.5920, 8.7920 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(249, 231, 247) }
```


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

```
.border{ border-color:rgb(249, 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(249, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 238.2060, 5.5920, 8.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 247) }
```

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

```
.background{ background-color: rgb(249,  
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](#).

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