

Converting Colors

YIQ(236.8430, 11.0480, 9.0320)

Have a look what the booklet for
YIQ(236.8430, 11.0480, 9.0320)
contains.

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Color

**YIQ(236.8430, 11.0480,
9.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE4F0
RGB	253, 228, 240
RGB Percent	99%, 89%, 94%
CMY	0.0078, 0.1059, 0.0588
CMYK	0.00, 0.10, 0.05, 0.01
HSL	331°, 86%, 94%
HSV	331°, 10%, 99%
XYZ	83.9842, 82.6587, 93.9732
YIQ	236.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

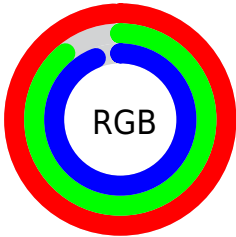
Format	Color
R _Y B	253, 228, 240
Decimal	16639216
CIE Lab	92.86, 10.55, -2.72
CIE LCh	93, 10.896, 345.536
Yxy	82.6587, 0.3223, 0.3172
Android (android.graphics.Color)	4294829296 (0xFFFDE4F0)
YUV	236.8430, 1.5564, 14.1697
Hunter-Lab	90.9168, 5.7846, 2.3586

Details

The YIQ color $236.8430, 11.0480, 9.0320$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.1570, -11.0480, -9.0320$, 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 $181.1310, 10.1770, 8.2970$ is the 20% darker color. If you saturate the color by 10%, you get $220.6860, 22.0960, 18.0640$, and if you desaturate by 10%, it is $253.0000, -0.0000, -0.0000$.

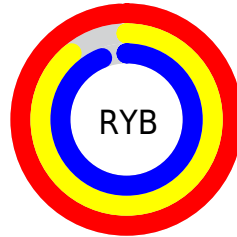
Distribution



Red (99%)

Green (89%)

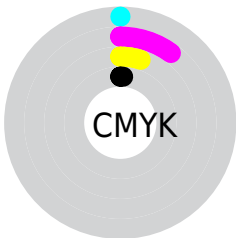
Blue (94%)



Red (99%)

Yellow (89%)

Blue (94%)

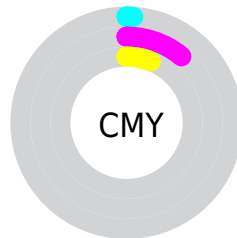


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.8430, 11.0480, 9.0320 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 236.8430, 11.0480, 9.0320 by changing the saturation by 10% instead.


 236.8430, 11.0480,
9.0320

 236.8430, 11.0480,
9.0320

255.0000, -0.0000,
-0.0000


 208.5440, 10.4520,
8.8200

 181.1310, 10.1770,
8.2970

 154.1310, 10.1770,
8.2970

 127.8320, 9.5810,
8.0850

 102.8320, 9.5810,
8.0850

 79.1200, 8.7100,
7.3500

 55.8210, 8.1140,

7.1380

■ 34.4080, 7.8390,
6.6150

■ 10.7720, 9.8100,
9.4420

■ 236.8430, 11.0480,
9.0320

■ 236.8430, 11.0480,
9.0320

■ 220.6860, 22.0960,
18.0640

■ 253.0000, -0.0000,
-0.0000

■ 203.9420, 33.4190,
27.6190

■ 254.4020, -1.1920,
-0.4240

■ 187.7850, 44.4670,
36.6510

■ 171.5140, 55.8360,
45.3720

■ 154.7700, 67.1590,
54.9270

■ 138.6130, 78.2070,
63.9590

■ 122.4560, 89.2550,
72.9910

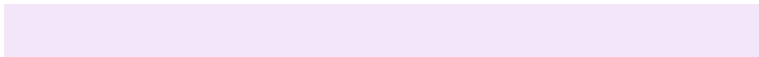
■ 106.2990,
100.3030, 82.0230

■ 89.5550, 111.6260,
91.5780

Harmonies

Analogous

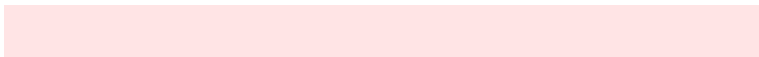
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0530, 1.6490, 8.6650



236.8430, 11.0480, 9.0320



236.1870, 15.7710, 6.0350

Triad

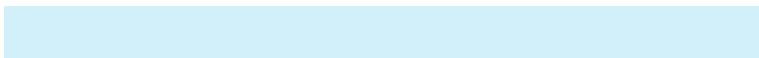
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.8430, 11.0480, 9.0320



233.7910, 7.6580, -6.6300



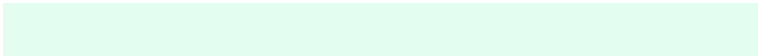
232.0560, -20.7690, -3.5610

Complementary

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



236.8430, 11.0480, 9.0320



244.1570, -11.0480, -9.0320

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.



231.3180, -18.7510, -7.0950



236.8430, 11.0480, 9.0320



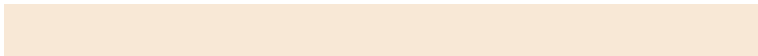
232.6480, -2.2450, -8.8770

Square

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



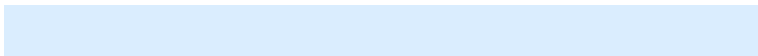
236.8430, 11.0480, 9.0320



234.7320, 15.3140, -2.2060



231.2710, -11.3690, -8.7210



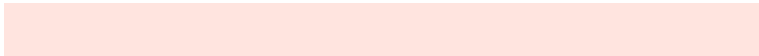
233.2570, -16.7810, 1.2590

Rectangle

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



236.8430, 11.0480, 9.0320



235.5030, 17.6970, 4.1690



231.2710, -11.3690, -8.7210



231.4150, -20.4020, -4.7060

Sweetspot

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



236.8430, 11.0480, 9.0320



249.8480, 3.4840, 2.9400



234.7370, -0.2770, 10.5310



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

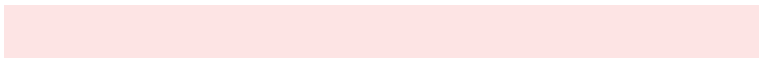
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.8430, 11.0480, 9.0320



234.9790, 13.6610, 11.2370



235.4750, 14.9000, 5.3000



119.5710, 5.8220, 4.6220



67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Inverse Universe

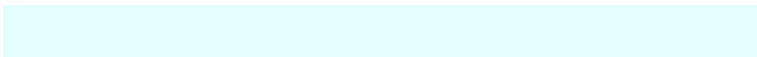
The Inverse Universe completely reimagines the original color for something new.



236.8430, 11.0480, 9.0320



234.9790, 13.6610, 11.2370



245.5250, -14.9000, -5.3000



119.5710, 5.8220, 4.6220



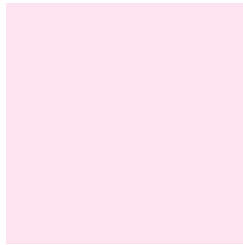
67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 236.8430, 11.0480, 9.0320 looks on a white background.

Color Contrast Check

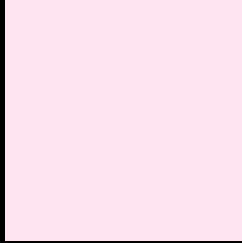
Large Text (above 18pt) WCAG AA × Fail

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 236.8430, 11.0480, 9.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

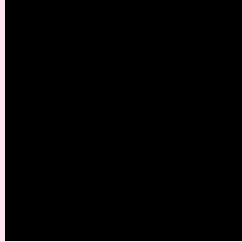
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.8430, 11.0480, 9.0320

Background



This preview shows how black text looks on a background with the YIQ color 236.8430, 11.0480, 9.0320.

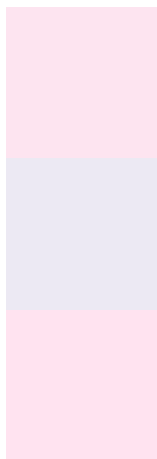


This preview shows how white text looks on a background with the YIQ color 236.8430, 11.0480,

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

236.8430, 11.0480, 9.0320

Protanopia

235.0370, -1.4220, 3.7460

Deuteranopia

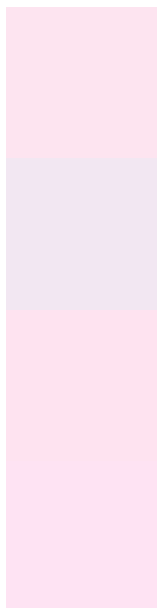
236.8540, 12.5150, 9.9790



Tritanopia

237.1250, 10.3140, 11.3220

Trichromacy



Original Color

236.8430, 11.0480, 9.0320

Protanomaly

235.5430, 3.0250, 5.7530

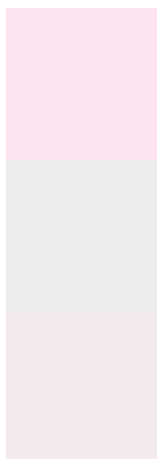
Deuteranomaly

236.5550, 11.9190, 9.7670

Tritanomaly

236.8970, 10.9560, 10.7000

Monochromacy



Original Color

236.8430, 11.0480, 9.0320

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.1470, 4.0800, 3.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.8430, 11.0480, 9.0320 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(253, 228, 240)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 240)  
}
```

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(253, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 240) }
```

Border

The CSS property to change the border of an element to YIQ 236.8430, 11.0480, 9.0320 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(253, 228, 240) }
```


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

```
.border{ border-color:rgb(253, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 236.8430, 11.0480, 9.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 240) }
```

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

```
.background{ background-color: rgb(253,  
228, 240) }
```

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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