

Converting Colors

YIQ(230.1420, 11.6440, 9.2440)

Have a look what the booklet for
YIQ(230.1420, 11.6440, 9.2440)
contains.

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Color

**YIQ(230.1420, 11.6440,
9.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DDE9
RGB	247, 221, 233
RGB Percent	97%, 87%, 91%
CMY	0.0313, 0.1334, 0.0862
CMYK	0.00, 0.11, 0.06, 0.03
HSL	332°, 62%, 92%
HSV	332°, 11%, 97%
XYZ	78.9269, 77.3683, 87.8715
YIQ	230.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

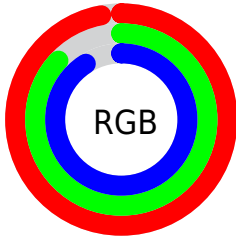
Format	Color
R _Y B	247, 221, 233
Decimal	16244201
CIE Lab	90.49, 10.95, -2.60
CIE LCh	90, 11.257, 346.643
Yxy	77.3683, 0.3233, 0.3169
Android (android.graphics.Color)	4294434281 (0xFFFF7DDE9)
YUV	230.1420, 1.4090, 14.7845
Hunter-Lab	87.9592, 6.2416, 2.3406

Details

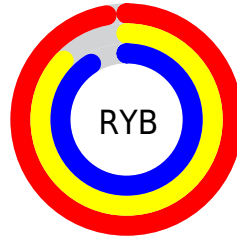
The YIQ color $230.1420, 11.6440, 9.2440$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.8580, -11.6440, -9.2440$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.7290, 11.3690, 8.7210$ is the 20% darker color. If you saturate the color by 10%, you get $213.9850, 22.6920, 18.2760$, and if you desaturate by 10%, it is $246.2990, 0.5960, 0.2120$.

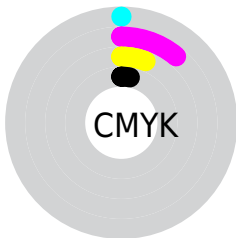
Distribution



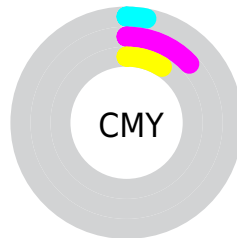
- Red (97%)
- Green (87%)
- Blue (91%)



- Red (97%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.1420, 11.6440, 9.2440 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 230.1420, 11.6440, 9.2440 by changing the saturation by 10% instead.


 230.1420, 11.6440,
9.2440


 230.1420, 11.6440,
9.2440


255.0000, -0.0000,
-0.0000


 201.8430, 11.0480,
9.0320

 174.7290, 11.3690,
8.7210

 148.1310, 10.1770,
8.2970

 122.1310, 10.1770,
8.2970

 97.1310, 10.1770,
8.2970

 73.4190, 9.3060,
7.5620

 50.7070, 8.4350,

6.8270

■ 29.4080, 7.8390,
6.6150

■ 7.9030, 10.8190,
7.6750

■ 230.1420, 11.6440,
9.2440

■ 230.1420, 11.6440,
9.2440

■ 213.9850, 22.6920,
18.2760

■ 246.2990, 0.5960,
0.2120

■ 198.3010, 33.7860,
26.4740

■ 252.6080, -4.7680,
-1.6960

■ 182.1440, 44.8340,
35.5060

■ 165.9870, 55.8820,
44.5380

■ 149.8300, 66.9300,
53.5700

■ 134.1460, 78.0240,
61.7680

■ 117.9890, 89.0720,
70.8000

■ 101.8320,
100.1200, 79.8320

■ 86.8490, 110.6180,
87.8180

Harmonies

Analogous

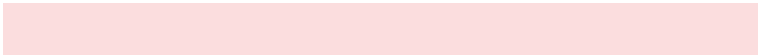
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.4660, 1.9240, 9.1880



230.1420, 11.6440, 9.2440



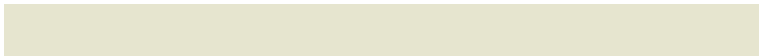
230.0840, 17.5590, 6.6710

Triad

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



230.1420, 11.6440, 9.2440



226.7910, 7.6580, -6.6300



225.1700, -21.0900, -3.2500

Complementary

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



230.1420, 11.6440, 9.2440



237.8580, -11.6440, -9.2440

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.



224.0190, -19.3470, -7.3070



230.1420, 11.6440, 9.2440



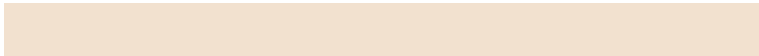
225.6480, -2.2450, -8.8770

Square

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



230.1420, 11.6440, 9.2440



228.0310, 15.9100, -1.9940



224.5590, -12.2400, -9.4560



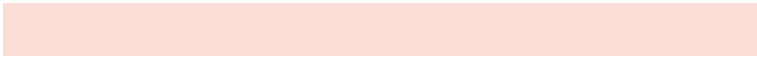
226.3710, -17.1020, 1.5700

Rectangle

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



230.1420, 11.6440, 9.2440



229.8730, 19.5310, 3.9710



224.5590, -12.2400, -9.4560



225.1160, -20.9980, -4.9180

Sweetspot

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



230.1420, 11.6440, 9.2440



249.8480, 3.4840, 2.9400



228.1500, -0.0020, 11.0540



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

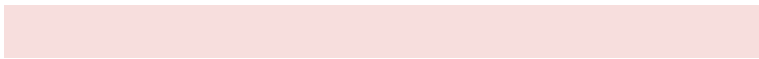
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1420, 11.6440, 9.2440



233.5770, 14.8530, 11.6610



229.3610, 15.2210, 4.9890



114.2720, 5.2260, 4.4100



65.4180, 83.2500, 66.1780



20.7190, 26.4970, 20.9050

Inverse Universe

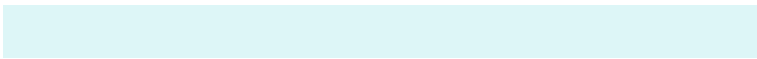
The Inverse Universe completely reimagines the original color for something new.



230.1420, 11.6440, 9.2440



233.5770, 14.8530, 11.6610



238.6390, -15.2210, -4.9890



114.2720, 5.2260, 4.4100



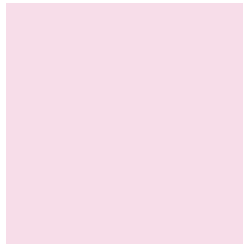
65.4180, 83.2500, 66.1780



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 230.1420, 11.6440, 9.2440 looks on a white background.

Color Contrast Check

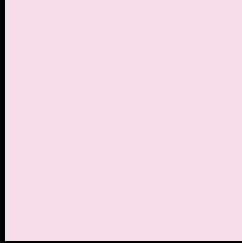
Large Text (above 18pt) WCAG AA × Fail

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 230.1420, 11.6440, 9.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

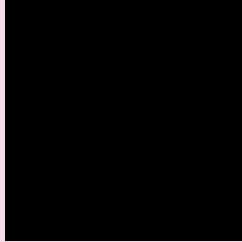
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.1420, 11.6440, 9.2440

Background



This preview shows how black text looks on a background with the YIQ color 230.1420, 11.6440, 9.2440.



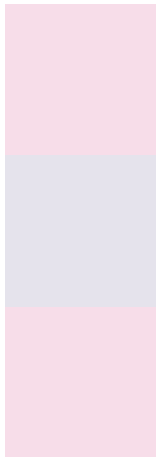
This preview shows how white text looks on a background with the YIQ color 230.1420, 11.6440,

9.2440.

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

230.1420, 11.6440, 9.2440

Protanopia

228.6240, -1.6970, 3.2230

Deuteranopia

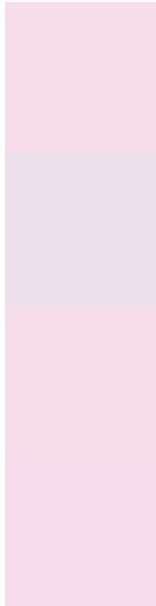
230.1420, 11.6440, 9.2440



Tritanopia

230.4240, 10.9100, 11.5340

Trichromacy



Original Color

230.1420, 11.6440, 9.2440

Protanomaly

229.4290, 3.3460, 5.4420

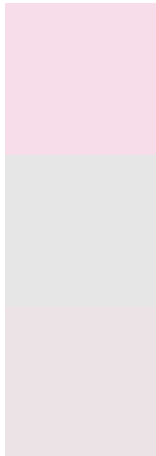
Deuteranomaly

230.1420, 11.6440, 9.2440

Tritanomaly

230.1960, 11.5520, 10.9120

Monochromacy



Original Color

230.1420, 11.6440, 9.2440

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.1470, 4.0800, 3.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1420, 11.6440, 9.2440 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(247, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 233)  
}
```

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(247, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 233) }
```

Border

The CSS property to change the border of an element to YIQ 230.1420, 11.6440, 9.2440 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(247, 221, 233) }
```


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

```
.border{ border-color:rgb(247, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1420, 11.6440, 9.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 233) }
```

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

```
.background{ background-color: rgb(247,  
221, 233) }
```

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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