

Converting Colors

YIQ(233.1230, 4.6280, 15.2520)

Have a look what the booklet for
YIQ(233.1230, 4.6280, 15.2520)
contains.

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Color

**YIQ(233.1230, 4.6280,
15.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DEFE
RGB	247, 222, 254
RGB Percent	97%, 87%, 100%
CMY	0.0313, 0.1294, 0.0039
CMYK	0.03, 0.13, 0.00, 0.00
HSL	287°, 94%, 93%
HSV	287°, 13%, 100%
XYZ	82.3726, 79.1705, 104.7045
YIQ	233.1230, 4.6280, 15.2520

Conversions

Conversions Part 2

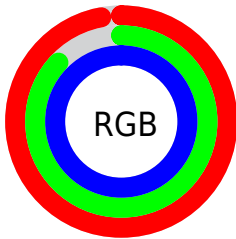
Format	Color
R _Y B	247, 222, 254
Decimal	16244478
CIE Lab	91.31, 14.16, -12.39
CIE LCh	91, 18.813, 318.813
Yxy	79.1705, 0.3094, 0.2974
Android (android.graphics.Color)	4294434558 (0xFFF7DEFE)
YUV	233.1230, 10.2924, 12.1701
Hunter-Lab	88.9778, 9.5379, -7.4849

Details

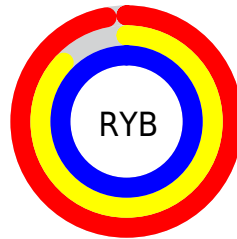
The YIQ color $233.1230, 4.6280, 15.2520$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $242.8770, -4.6280, -15.2520$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.5960, 4.6740, 14.4180$ is the 20% darker color. If you saturate the color by 10%, you get $216.6540, 7.9270, 27.0550$, and if you desaturate by 10%, it is $249.5920, 1.3290, 3.4490$.

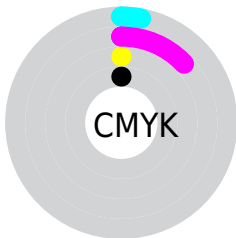
Distribution



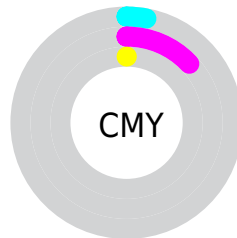
- Red (97%)
- Green (87%)
- Blue (100%)



- Red (97%)
- Yellow (87%)
- Blue (100%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.1230, 4.6280, 15.2520 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 233.1230, 4.6280, 15.2520 by changing the saturation by 10% instead.

233.1230, 4.6280,
15.2520

233.1230, 4.6280,
15.2520

255.0000, -0.0000,
-0.0000

204.7100, 4.3530,
14.7290

177.5960, 4.6740,
14.4180

150.2970, 4.0780,
14.2060

124.8840, 3.8030,
13.6830

99.4710, 3.5280,
13.1600

75.9440, 3.5740,
12.3260

52.6450, 2.9780,

12.1140

■ 31.1180, 3.0240,
11.2800

■ 9.9550, 5.0410,
13.2730

■ 233.1230, 4.6280,
15.2520

■ 233.1230, 4.6280,
15.2520

■ 216.6540, 7.9270,
27.0550

■ 249.5920, 1.3290,
3.4490

■ 199.8970, 12.0970,
39.5930

254.8860, 0.3210,
-0.3110

■ 183.4280, 15.3960,
51.3960

■ 166.6710, 19.5660,
63.9340

■ 150.2020, 22.8650,
75.7370

■ 134.0320, 26.7600,
87.7520

■ 116.9760, 30.3340,
100.0780

■ 100.8060, 34.2290,
112.0930

■ 88.4570, 37.0700,
121.1820

Harmonies

Analogous

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



230.1810, -10.4550, 7.7610



233.1230, 4.6280, 15.2520



231.3430, 15.6320, 14.0640

Triad

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



233.1230, 4.6280, 15.2520



230.5280, 24.5760, -4.8640



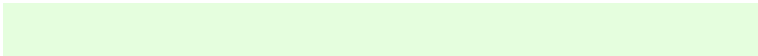
223.9570, -33.9720, -12.0840

Complementary

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



233.1230, 4.6280, 15.2520



242.8770, -4.6280, -15.2520

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.



223.8950, -22.2340, -15.5620



233.1230, 4.6280, 15.2520



227.8960, 11.5560, -11.1960

Square

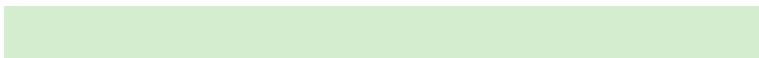
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1230, 4.6280, 15.2520



229.2280, 25.7210, 1.9210



225.9910, -4.9490, -14.9410



224.6890, -35.8530, -5.5250

Rectangle

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



233.1230, 4.6280, 15.2520



229.8610, 19.8050, 10.0210



225.9910, -4.9490, -14.9410



223.8710, -30.8540, -13.5260

Sweetspot

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



233.1230, 4.6280, 15.2520



248.5320, 1.5580, 4.8060



229.7570, -12.1970, 6.2910



123.2930, 0.7330, 3.2370



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.



233.1230, 4.6280, 15.2520



230.3020, 5.6820, 18.1780



234.1900, 11.6890, 13.9370



119.4720, 1.7870, 6.1630



66.6240, 28.0890, 91.2010



22.2460, 9.2560, 30.5040

Inverse Universe

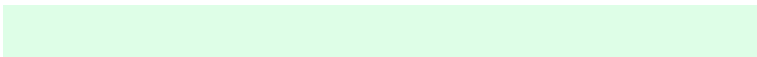
The Inverse Universe completely reimagines the original color for something new.



232.3660, 16.8250, 8.9610



229.2740, 20.0800, 10.5440



241.8100, -11.6890, -13.9370



119.2290, 6.7850, 3.6890



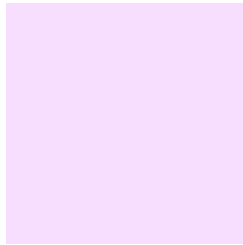
61.8970, 100.3540, 53.5540



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 233.1230, 4.6280, 15.2520 looks on a white background.

Color Contrast Check

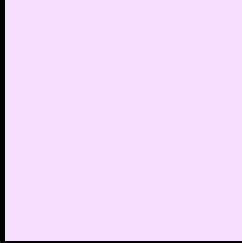
Large Text (above 18pt) WCAG AA × Fail

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 233.1230, 4.6280, 15.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

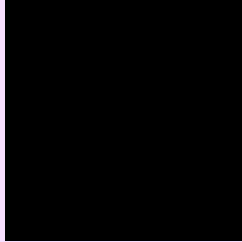
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.1230, 4.6280, 15.2520

Background



This preview shows how black text looks on a background with the YIQ color 233.1230, 4.6280, 15.2520.



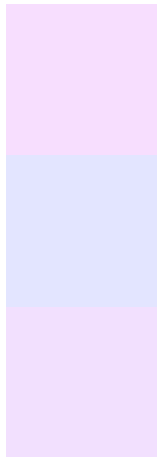
This preview shows how white text looks on a background with the YIQ color 233.1230, 4.6280,

15.2520.

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

233.1230, 4.6280, 15.2520

Protanopia

231.3660, -9.5380, 7.6620

Deuteranopia

232.8020, 1.0980, 13.1460



Tritanopia

232.3310, 6.7380, 10.0500

Trichromacy



Original Color

233.1230, 4.6280, 15.2520

Protanomaly

231.6980, -4.5410, 10.7150

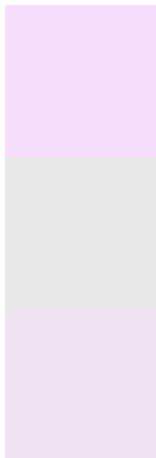
Deuteranomaly

232.8130, 2.5650, 14.0930

Tritanomaly

232.4990, 6.3250, 12.0290

Monochromacy



Original Color

233.1230, 4.6280, 15.2520

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.1230, 4.6280, 15.2520 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, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 254)  
}
```

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, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 254) }
```

Border

The CSS property to change the border of an element to YIQ 233.1230, 4.6280, 15.2520 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, 222, 254) }
```


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

```
.border{ border-color:rgb(247, 222, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 222, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 222, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 222, 254); box-shadow:4px 4px 4px 4px rgb(247, 222, 254) }
```

Background

The CSS property to change the background color of an element to YIQ 233.1230, 4.6280, 15.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 254) }
```

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

```
.background{ background-color: rgb(247,  
222, 254) }
```

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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