

Converting Colors

YIQ(228.6030, 11.9640, 14.4600)

Have a look what the booklet for
YIQ(228.6030, 11.9640, 14.4600)
contains.

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Color

**YIQ(228.6030, 11.9640,
14.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D8F0
RGB	249, 216, 240
RGB Percent	98%, 85%, 94%
CMY	0.0234, 0.1530, 0.0588
CMYK	0.00, 0.13, 0.04, 0.02
HSL	316°, 73%, 91%
HSV	316°, 13%, 98%
XYZ	79.3570, 75.5405, 92.8420
YIQ	228.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

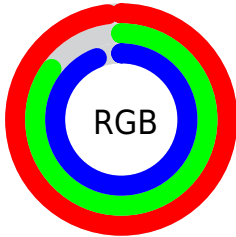
Format	Color
R _{YB}	249, 216, 240
Decimal	16374000
CIE Lab	89.65, 15.45, -7.50
CIE LCh	90, 17.175, 334.090
Yxy	75.5405, 0.3203, 0.3049
Android (android.graphics.Color)	4294564080 (0xFFFF9D8F0)
YUV	228.6030, 5.6187, 17.8882
Hunter-Lab	86.9140, 10.8802, -2.4941

Details

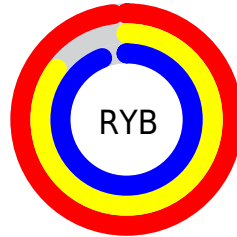
The YIQ color $228.6030, 11.9640, 14.4600$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $236.3970, -11.9640, -14.4600$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.8910, 11.0930, 13.7250$ is the 20% darker color. If you saturate the color by 10%, you get $213.1300, 21.0860, 25.3580$, and if you desaturate by 10%, it is $244.0760, 2.8420, 3.5620$.

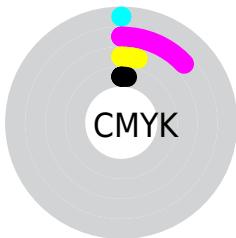
Distribution



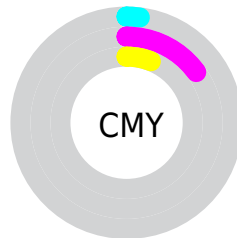
- Red (98%)
- Green (85%)
- Blue (94%)



- Red (98%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.6030, 11.9640, 14.4600 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 228.6030, 11.9640, 14.4600 by changing the saturation by 10% instead.

228.6030, 11.9640,
14.4600

228.6030, 11.9640,
14.4600

255.0000, -0.0000,
-0.0000

200.3040, 11.3680,
14.2480

172.8910, 11.0930,
13.7250

146.4780, 10.8180,
13.2020

120.4780, 10.8180,
13.2020

95.7660, 9.9470,
12.4670

72.0540, 9.0760,
11.7320

49.0540, 9.0760,

11.7320

■ 27.9290, 7.9300,
10.4740

■ 8.7010, 8.5720,
9.8520

■ 228.6030, 11.9640,
14.4600

■ 228.6030, 11.9640,
14.4600

■ 213.1300, 21.0860,
25.3580

■ 244.0760, 2.8420,
3.5620

■ 197.6570, 30.2080,
36.2560

■ 253.0920, -3.2550,
-1.5830

■ 182.2980, 39.0090,
47.4650

■ 253.2060, -3.5760,
-1.2720

■ 166.8250, 48.1310,
58.3630

■ 151.3520, 57.2530,
69.2610

■ 136.4660, 66.1000,
79.6360

■ 120.9930, 75.2220,
90.5340

■ 105.6340, 84.0230,
101.7430

■ 95.0850, 90.3030,
109.0790

Harmonies

Analogous

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



227.0510, -4.0370, 12.5950



228.6030, 11.9640, 14.4600



227.3990, 21.2260, 11.8020

Triad

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



228.6030, 11.9640, 14.4600



224.6410, 16.8280, -7.6200



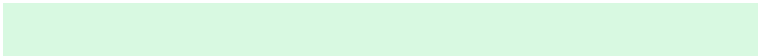
219.7770, -33.2850, -8.0130

Complementary

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



228.6030, 11.9640, 14.4600



236.3970, -11.9640, -14.4600

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.



219.7360, -26.0400, -12.6640



228.6030, 11.9640, 14.4600



222.7640, 3.1200, -12.4960

Square

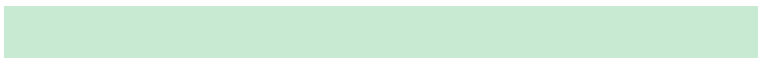
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.6030, 11.9640, 14.4600



226.5330, 26.1800, -0.8920



221.2120, -12.8810, -14.3610



221.9610, -30.6270, -1.1150

Rectangle

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



228.6030, 11.9640, 14.4600



226.7320, 24.4820, 7.8580



221.2120, -12.8810, -14.3610



219.7940, -31.9550, -10.0910

Sweetspot

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



228.6030, 11.9640, 14.4600



248.7880, 3.7130, 4.2970



222.4530, -5.2290, 12.1710



123.6630, 2.5670, 3.0390



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

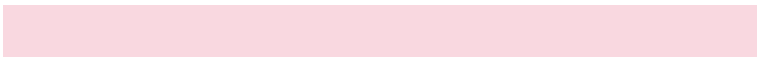
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.6030, 11.9640, 14.4600



229.6790, 14.8060, 18.0220



226.7790, 17.1000, 9.4840



117.0270, 4.5380, 5.8660



72.1290, 68.6670, 82.6750



23.2550, 22.2320, 26.6160

Inverse Universe

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



228.6030, 11.9640, 14.4600



229.6790, 14.8060, 18.0220



238.2210, -17.1000, -9.4840



117.0270, 4.5380, 5.8660



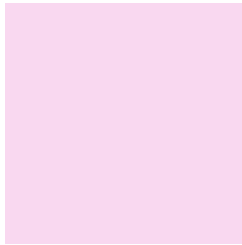
72.1290, 68.6670, 82.6750



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 228.6030, 11.9640, 14.4600 looks on a white background.

Color Contrast Check

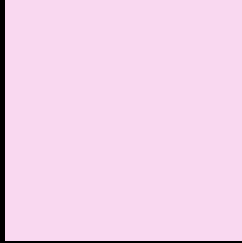
Large Text (above 18pt) WCAG AA × Fail

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 228.6030, 11.9640, 14.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

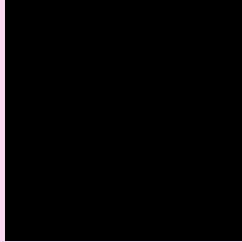
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.6030, 11.9640, 14.4600

Background



This preview shows how black text looks on a background with the YIQ color 228.6030, 11.9640, 14.4600.



This preview shows how white text looks on a background with the YIQ color 228.6030, 11.9640,

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

228.6030, 11.9640, 14.4600

Protanopia

226.3940, -6.7410, 6.5310

Deuteranopia

227.8580, 6.6920, 10.8840



Tritanopia

228.2070, 13.0190, 11.8590

Trichromacy



Original Color

228.6030, 11.9640, 14.4600

Protanomaly

227.0960, 0.0900, 9.3860

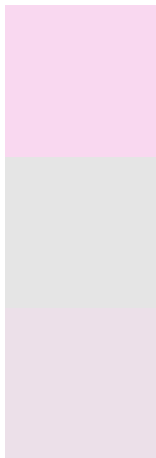
Deuteranomaly

228.1680, 8.7550, 12.0430

Tritanomaly

228.4350, 12.3770, 12.4810

Monochromacy



Original Color

228.6030, 11.9640, 14.4600

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.6140, 4.2630, 5.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.6030, 11.9640, 14.4600 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, 216, 240)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 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(249, 216, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 240) }
```

Border

The CSS property to change the border of an element to YIQ 228.6030, 11.9640, 14.4600 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, 216, 240) }
```


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

```
.border{ border-color:rgb(249, 216, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 228.6030, 11.9640, 14.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 240) }
```

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

```
.background{ background-color: rgb(249,  
216, 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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