

Converting Colors

YIQ(227.2970, 4.0780, 14.2060)

Have a look what the booklet for
YIQ(227.2970, 4.0780, 14.2060)
contains.

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Color

**YIQ(227.2970, 4.0780,
14.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9F7
RGB	240, 217, 247
RGB Percent	94%, 85%, 97%
CMY	0.0587, 0.1490, 0.0314
CMYK	0.03, 0.12, 0.00, 0.03
HSL	286°, 65%, 91%
HSV	286°, 12%, 97%
XYZ	77.5401, 74.8646, 98.3577
YIQ	227.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

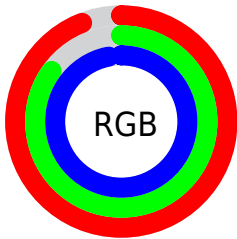
Format	Color
R _Y B	240, 217, 247
Decimal	15784439
CIE Lab	89.33, 13.19, -11.73
CIE LCh	89, 17.653, 318.344
Yxy	74.8646, 0.3092, 0.2985
Android (android.graphics.Color)	4293974519 (0xFFFF0D9F7)
YUV	227.2970, 9.7136, 11.1405
Hunter-Lab	86.5243, 8.5480, -6.8317

Details

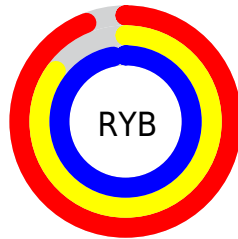
The YIQ color $227.2970, 4.0780, 14.2060$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $236.7030, -4.0780, -14.2060$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.8840, 3.8030, 13.6830$ is the 20% darker color. If you saturate the color by 10%, you get $210.8280, 7.3770, 26.0090$, and if you desaturate by 10%, it is $243.7660, 0.7790, 2.4030$.

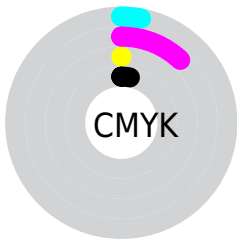
Distribution



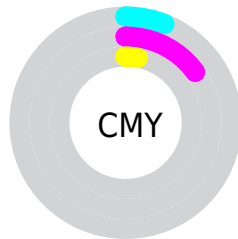
- Red (94%)
- Green (85%)
- Blue (97%)



- Red (94%)
- Yellow (85%)
- Blue (97%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.2970, 4.0780, 14.2060 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 227.2970, 4.0780, 14.2060 by changing the saturation by 10% instead.

227.2970, 4.0780,
14.2060

227.2970, 4.0780,
14.2060

255.0000, -0.0000,
-0.0000

199.1830, 4.3990,
13.8950

171.8840, 3.8030,
13.6830

145.4710, 3.5280,
13.1600

119.3570, 3.8490,
12.8490

94.6450, 2.9780,
12.1140

71.1180, 3.0240,
11.2800

48.7050, 2.7490,

10.7570

■ 27.2920, 2.4740,
10.2340

■ 6.6940, 1.2820,
9.8100

■ 227.2970, 4.0780,
14.2060

■ 227.2970, 4.0780,
14.2060

■ 210.8280, 7.3770,
26.0090

■ 243.7660, 0.7790,
2.4030

■ 195.2450, 10.9970,
37.5010

■ 253.1910, 0.7800,
-3.1240

■ 178.7760, 14.2960,
49.3040

■ 254.0880, 2.5680,
-2.4880

■ 162.3070, 17.5950,
61.1070

■ 145.8380, 20.8940,
72.9100

■ 130.2550, 24.5140,
84.4020

■ 113.7860, 27.8130,
96.2050

■ 97.3170, 31.1120,
108.0080

■ 84.9680, 33.9530,
117.0970

Harmonies

Analogous

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



224.8650, -12.3810, 9.6270



227.2970, 4.0780, 14.2060



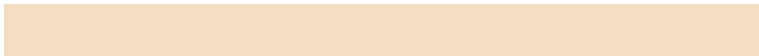
228.3110, 18.6580, 14.2900

Triad

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



227.2970, 4.0780, 14.2060



224.5710, 23.0170, -4.1430



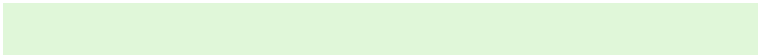
218.1530, -31.5880, -11.2360

Complementary

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



227.2970, 4.0780, 14.2060



236.7030, -4.0780, -14.2060

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.



219.2050, -20.1710, -14.4030



227.2970, 4.0780, 14.2060



223.0100, 11.2350, -10.8850

Square

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



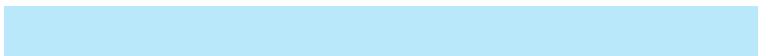
227.2970, 4.0780, 14.2060



225.8370, 28.3800, 3.2920



220.5180, -4.9950, -14.1070



219.5860, -34.0650, -4.8890

Rectangle

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



227.2970, 4.0780, 14.2060



226.3560, 22.7850, 11.0810



220.5180, -4.9950, -14.1070



218.1810, -28.7910, -12.3670

Sweetspot

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



227.2970, 4.0780, 14.2060



248.5320, 1.5580, 4.8060



224.5290, -11.5550, 5.6690



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.



227.2970, 4.0780, 14.2060



230.0030, 5.0860, 17.9660



228.4780, 10.8180, 13.2020



114.3580, 2.1080, 5.8520



63.9610, 25.5220, 88.1620



20.1810, 7.8810, 27.8890

Inverse Universe

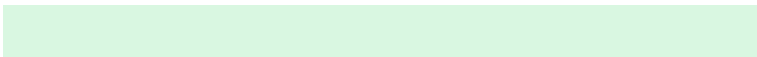
The Inverse Universe completely reimagines the original color for something new.



226.7680, 15.6330, 8.5370



229.3880, 19.7590, 10.8550



235.5220, -10.8180, -13.2020



113.9300, 6.1890, 3.4770



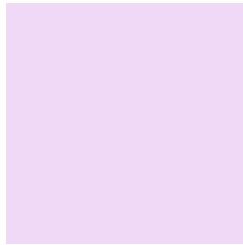
60.5160, 97.0530, 52.8050



19.2370, 30.6700, 16.8620

Previews

White Background



This preview shows how the YIQ color 227.2970, 4.0780, 14.2060 looks on a white background.

Color Contrast Check

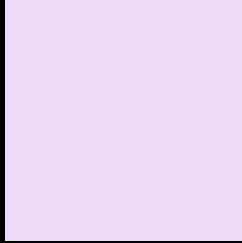
Large Text (above 18pt) WCAG AA × Fail

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 227.2970, 4.0780, 14.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

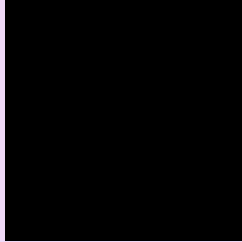
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.2970, 4.0780, 14.2060

Background



This preview shows how black text looks on a background with the YIQ color 227.2970, 4.0780, 14.2060.

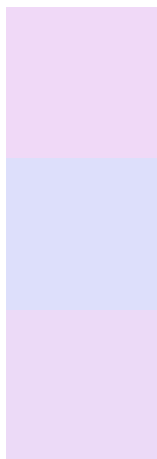


This preview shows how white text looks on a background with the YIQ color 227.2970, 4.0780,

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

227.2970, 4.0780, 14.2060

Protanopia

225.5940, -10.1800, 8.2840

Deuteranopia

226.6880, 1.4190, 12.8350



Tritanopia

226.6190, 5.8670, 9.3150

Trichromacy



Original Color

227.2970, 4.0780, 14.2060

Protanomaly

226.3990, -5.1370, 10.5030

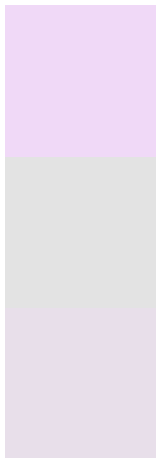
Deuteranomaly

226.9870, 2.0150, 13.0470

Tritanomaly

226.7870, 5.4540, 11.2940

Monochromacy



Original Color

227.2970, 4.0780, 14.2060

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.2970, 4.0780, 14.2060 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(240, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 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(240, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 247) }
```

Border

The CSS property to change the border of an element to YIQ 227.2970, 4.0780, 14.2060 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(240, 217, 247) }
```


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

```
.border{ border-color:rgb(240, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 227.2970, 4.0780, 14.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 247) }
```

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

```
.background{ background-color: rgb(240,  
217, 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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