

Converting Colors

YIQ(229.0690, 4.7200, 13.5840)

Have a look what the booklet for
YIQ(229.0690, 4.7200, 13.5840)
contains.

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Color

**YIQ(229.0690, 4.7200,
13.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DBF7
RGB	242, 219, 247
RGB Percent	95%, 86%, 97%
CMY	0.0509, 0.1412, 0.0314
CMYK	0.02, 0.11, 0.00, 0.03
HSL	289°, 64%, 91%
HSV	289°, 11%, 97%
XYZ	78.7417, 76.2539, 98.5634
YIQ	229.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

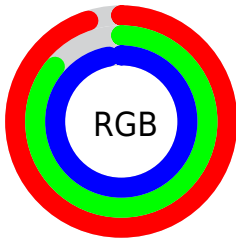
Format	Color
R _Y B	242, 219, 247
Decimal	15916023
CIE Lab	89.98, 12.80, -10.75
CIE LCh	90, 16.716, 319.969
Yxy	76.2539, 0.3105, 0.3007
Android (android.graphics.Color)	4294106103 (0xFFFF2DBF7)
YUV	229.0690, 8.8400, 11.3405
Hunter-Lab	87.3235, 8.1417, -5.7952

Details

The YIQ color $229.0690, 4.7200, 13.5840$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $236.9310, -4.7200, -13.5840$, 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 $173.6560, 4.4450, 13.0610$ is the 20% darker color. If you saturate the color by 10%, you get $213.1980, 9.2110, 25.8110$, and if you desaturate by 10%, it is $244.9400, 0.2290, 1.3570$.

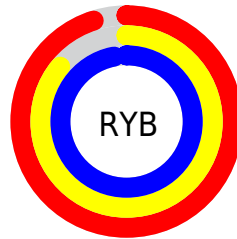
Distribution



Red (95%)

Green (86%)

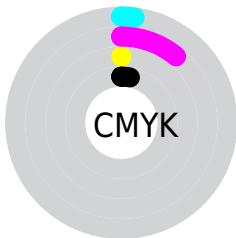
Blue (97%)



Red (95%)

Yellow (86%)

Blue (97%)

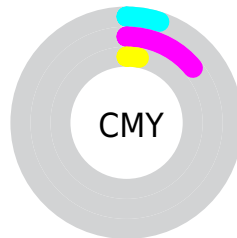


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (5%)

Magenta (14%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.0690, 4.7200, 13.5840 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 229.0690, 4.7200, 13.5840 by changing the saturation by 10% instead.

229.0690, 4.7200,
13.5840

229.0690, 4.7200,
13.5840

255.0000, -0.0000,
-0.0000

200.9550, 5.0410,
13.2730

173.6560, 4.4450,
13.0610

147.2430, 4.1700,
12.5380

121.1290, 4.4910,
12.2270

96.4170, 3.6200,
11.4920

72.3030, 3.9410,
11.1810

49.8900, 3.6660,

10.6580

■ 28.4770, 3.3910,
10.1350

■ 8.1890, 4.2620,
10.8700

■ 229.0690, 4.7200,
13.5840

■ 229.0690, 4.7200,
13.5840

■ 213.1980, 9.2110,
25.8110

■ 244.9400, 0.2290,
1.3570

■ 197.6150, 12.8310,
37.3030

■ 252.8920, 0.1840,
-3.3360

■ 181.7440, 17.3220,
49.5300

■ 254.0880, 2.5680,
-2.4880

■ 165.5740, 21.2170,
61.5450

■ 149.7030, 25.7080,
73.7720

■ 134.4190, 29.9240,
85.4760

■ 118.2490, 33.8190,
97.4910

■ 102.3780, 38.3100,
109.7180

■ 88.8550, 41.7010,
119.8530

Harmonies

Analogous

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



227.2350, -10.5470, 9.4290



229.0690, 4.7200, 13.5840



229.4850, 18.1080, 13.2440

Triad

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



229.0690, 4.7200, 13.5840



226.3860, 22.1000, -4.0440



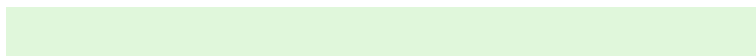
221.1640, -30.1210, -10.2890

Complementary

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



229.0690, 4.7200, 13.5840



236.9310, -4.7200, -13.5840

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.



221.0310, -19.6210, -13.3570



229.0690, 4.7200, 13.5840



224.9390, 9.9970, -10.4750

Square

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



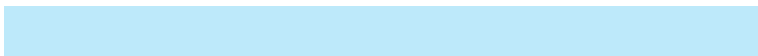
229.0690, 4.7200, 13.5840



227.8260, 26.9130, 2.3450



222.6320, -5.3160, -13.7960



221.7820, -31.6810, -4.0410

Rectangle

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



229.0690, 4.7200, 13.5840



227.6440, 21.9140, 10.3460



222.6320, -5.3160, -13.7960



220.7790, -27.5990, -11.9430

Sweetspot

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



229.0690, 4.7200, 13.5840



250.0050, 1.6040, 3.9720



225.1270, -10.3630, 6.0930



124.1790, 1.0540, 2.9260



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.



229.0690, 4.7200, 13.5840



232.0740, 6.3240, 17.5560



229.5380, 10.5890, 11.8450



114.3580, 2.1080, 5.8520



66.9510, 31.4820, 90.2820



21.0780, 9.6690, 28.5250

Inverse Universe

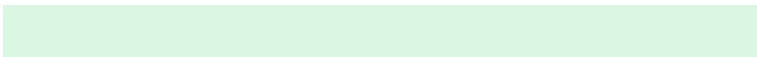
The Inverse Universe completely reimagines the original color for something new.



227.9420, 15.0830, 7.4910



230.5620, 19.2090, 9.8090



236.4620, -10.5890, -11.8450



113.8160, 6.5100, 3.1660



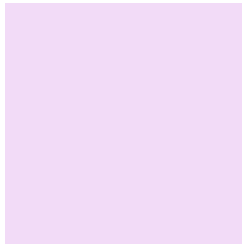
59.3760, 100.2630, 49.6950



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 229.0690, 4.7200, 13.5840 looks on a white background.

Color Contrast Check

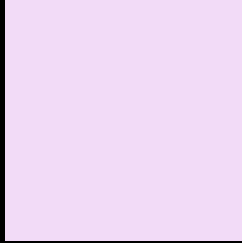
Large Text (above 18pt) WCAG AA × Fail

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 229.0690, 4.7200, 13.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

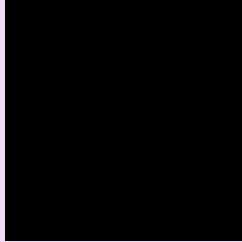
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.0690, 4.7200, 13.5840

Background



This preview shows how black text looks on a background with the YIQ color 229.0690, 4.7200, 13.5840.



This preview shows how white text looks on a background with the YIQ color 229.0690, 4.7200,

13.5840.

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

229.0690, 4.7200, 13.5840

Protanopia

227.3660, -9.5380, 7.6620

Deuteranopia

228.7590, 2.6570, 12.4250



Tritanopia

228.9180, 6.4630, 9.5270

Trichromacy



Original Color

229.0690, 4.7200, 13.5840

Protanomaly

228.1710, -4.4950, 9.8810

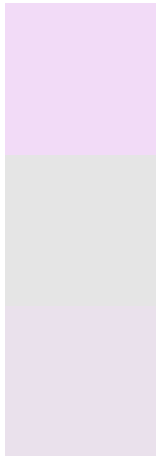
Deuteranomaly

229.0580, 3.2530, 12.6370

Tritanomaly

228.6730, 5.7750, 10.9830

Monochromacy



Original Color

229.0690, 4.7200, 13.5840

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.0690, 4.7200, 13.5840 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(242, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 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(242, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.0690, 4.7200, 13.5840 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(242, 219, 247) }
```


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

```
.border{ border-color:rgb(242, 219, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0690, 4.7200, 13.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 247) }
```

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

```
.background{ background-color: rgb(242,  
219, 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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