

Converting Colors

YIQ(222.4600, 11.2290, 22.2770)

Have a look what the booklet for
YIQ(222.4600, 11.2290, 22.2770)
contains.

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Color

**YIQ(222.4600, 11.2290,
22.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CDF8
RGB	247, 205, 248
RGB Percent	97%, 80%, 97%
CMY	0.0312, 0.1961, 0.0274
CMYK	0.00, 0.17, 0.00, 0.03
HSL	299°, 75%, 89%
HSV	299°, 17%, 97%
XYZ	77.1400, 70.2118, 98.2958
YIQ	222.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

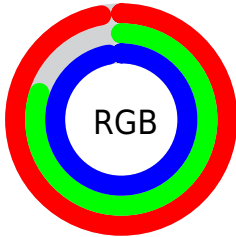
Format	Color
R _Y B	247, 205, 248
Decimal	16240120
CIE Lab	87.10, 21.99, -15.54
CIE LCh	87, 26.926, 324.762
Yxy	70.2118, 0.3140, 0.2858
Android (android.graphics.Color)	4294430200 (0xFFF7CDF8)
YUV	222.4600, 12.5912, 21.5216
Hunter-Lab	83.7925, 17.6917, -10.8976

Details

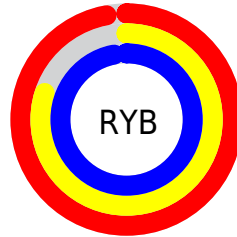
The YIQ color $222.4600, 11.2290, 22.2770$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.5400, -11.2290, -22.2770$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.3350, 10.0830, 21.0190$ is the 20% darker color. If you saturate the color by 10%, you get $207.4860, 17.5080, 35.1400$, and if you desaturate by 10%, it is $237.4340, 4.9500, 9.4140$.

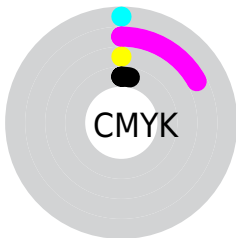
Distribution



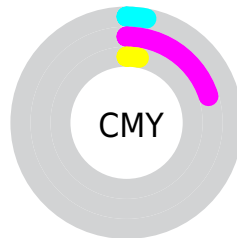
- Red (97%)
- Green (80%)
- Blue (97%)



- Red (97%)
- Yellow (80%)
- Blue (97%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.4600, 11.2290, 22.2770 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 222.4600, 11.2290, 22.2770 by changing the saturation by 10% instead.

■ 222.4600, 11.2290,
22.2770

■ 222.4600, 11.2290,
22.2770

255.0000, -0.0000,
-0.0000

■ 194.0470, 10.9540,
21.7540

■ 167.3350, 10.0830,
21.0190

■ 140.2210, 10.4040,
20.7080

■ 114.8080, 10.1290,
20.1850

■ 90.0960, 9.2580,
19.4500

■ 66.2700, 8.7080,
18.4040

■ 43.5580, 7.8370,

17.6690

■ 21.1450, 7.5620,
17.1460

■ 6.0960, 0.0900,
9.3860

■ 222.4600, 11.2290,
22.2770

■ 222.4600, 11.2290,
22.2770

■ 207.4860, 17.5080,
35.1400

■ 237.4340, 4.9500,
9.4140

■ 192.8110, 24.3830,
48.2150

■ 252.1090, -1.9250,
-3.6610

■ 178.4240, 30.3870,
60.5550

■ 252.4080, -1.3290,
-3.4490

■ 163.7490, 37.2620,
73.6300

■ 252.7070, -0.7330,
-3.2370

■ 148.7750, 43.5410,
86.4930

■ 253.0060, -0.1370,
-3.0250

■ 134.1000, 50.4160,
99.5680

■ 253.3050, 0.4590,
-2.8130

■ 119.1260, 56.6950,
112.4310

■ 105.0380, 63.2950,
124.9830

■ 100.6300, 64.6240,
128.4320

Harmonies

Analogous

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



218.9840, -11.0980, 13.9100



222.4600, 11.2290, 22.2770



219.1810, 25.0760, 19.1240

Triad

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



222.4600, 11.2290, 22.2770



217.7150, 31.1790, -8.8930



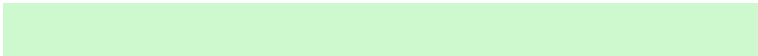
207.0840, -53.5030, -16.0550

Complementary

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



222.4600, 11.2290, 22.2770



230.5400, -11.2290, -22.2770

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.



208.8930, -37.0880, -21.6960



222.4600, 11.2290, 22.2770



214.6800, 11.9240, -17.8680

Square

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



222.4600, 11.2290, 22.2770



217.9320, 38.2380, 0.8460



211.4690, -12.4670, -21.8670



209.5390, -53.0460, -7.8140

Rectangle

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



222.4600, 11.2290, 22.2770



217.1290, 30.8540, 13.5260



211.4690, -12.4670, -21.8670



207.2430, -49.6970, -18.9530

Sweetspot

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



222.4600, 11.2290, 22.2770



247.3690, 3.5750, 6.7990



210.4890, -14.0780, 12.8500



123.0050, 1.6040, 3.9720



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.



222.4600, 11.2290, 22.2770



223.0030, 14.2540, 28.0300



220.4790, 18.2450, 16.2690



117.3690, 3.5750, 6.7990



76.5620, 48.9950, 97.7870



24.8940, 16.1790, 31.6910

Inverse Universe

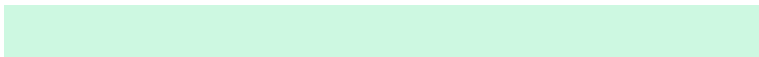
The Inverse Universe completely reimagines the original color for something new.



217.9710, 25.3070, 9.4270



217.3740, 31.5420, 12.0700



232.5210, -18.2450, -16.2690



116.0010, 7.4270, 3.0670



56.9670, 111.3600, 41.3120



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 222.4600, 11.2290, 22.2770 looks on a white background.

Color Contrast Check

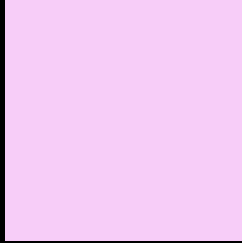
Large Text (above 18pt) WCAG AA × Fail

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 222.4600, 11.2290, 22.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

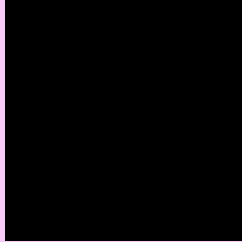
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.4600, 11.2290, 22.2770

Background



This preview shows how black text looks on a background with the YIQ color 222.4600, 11.2290, 22.2770.



This preview shows how white text looks on a background with the YIQ color 222.4600, 11.2290,

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

222.4600, 11.2290, 22.2770

Protanopia

219.5380, -15.7740, 10.5460

Deuteranopia

220.7630, -3.1660, 13.3300



Tritanopia

221.2890, 15.7240, 12.3960

Trichromacy



Original Color

222.4600, 11.2290, 22.2770

Protanomaly

220.7350, -5.9630, 14.4610

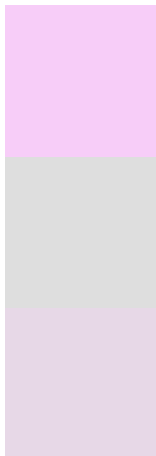
Deuteranomaly

221.3940, 2.4270, 16.5950

Tritanomaly

221.9130, 14.0270, 15.6190

Monochromacy



Original Color

222.4600, 11.2290, 22.2770

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.4600, 11.2290, 22.2770 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, 205, 248)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 248)  
}
```

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, 205, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 248) }
```

Border

The CSS property to change the border of an element to YIQ 222.4600, 11.2290, 22.2770 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, 205, 248) }
```


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

```
.border{ border-color:rgb(247, 205, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 205, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 205, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 205, 248); box-shadow:4px 4px 4px 4px rgb(247, 205, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 222.4600, 11.2290, 22.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 248) }
```

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

```
.background{ background-color: rgb(247,  
205, 248) }
```

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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