

Converting Colors

YIQ(222.6010, 15.4460, 28.4540)

Have a look what the booklet for
YIQ(222.6010, 15.4460, 28.4540)
contains.

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Color

**YIQ(222.6010, 15.4460,
28.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8FE
RGB	255, 200, 254
RGB Percent	100%, 78%, 100%
CMY	0.0000, 0.2158, 0.0039
CMYK	0.00, 0.22, 0.00, 0.00
HSL	301°, 100%, 89%
HSV	301°, 22%, 100%
XYZ	79.7791, 69.7140, 103.0214
YIQ	222.6010, 15.4460, 28.4540

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 200, 254
Decimal	16763134
CIE Lab	86.86, 28.30, -19.01
CIE LCh	87, 34.093, 326.119
Yxy	69.7140, 0.3159, 0.2761
Android (android.graphics.Color)	4294953214 (0xFFFFC8FE)
YUV	222.6010, 15.4797, 28.4139
Hunter-Lab	83.4949, 24.4402, -14.7094

Details

The YIQ color $222.6010, 15.4460, 28.4540$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $232.3990, -15.4460, -28.4540$, 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 $167.3620, 14.6210, 26.8850$ is the 20% darker color. If you saturate the color by 10%, you get $207.3390, 22.5960, 42.0520$, and if you desaturate by 10%, it is $237.2760, 8.5710, 15.3790$.

Distribution



- Red (100%)
- Green (78%)
- Blue (100%)



- Red (100%)
- Yellow (78%)
- Blue (100%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.6010, 15.4460, 28.4540 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 222.6010, 15.4460, 28.4540 by changing the saturation by 10% instead.


 222.6010, 15.4460,
28.4540


 222.6010, 15.4460,
28.4540


255.0000, -0.0000,
-0.0000


 194.1880, 15.1710,
27.9310

 167.3620, 14.6210,
26.8850

 140.6500, 13.7500,
26.1500

 114.2370, 13.4750,
25.6270

 89.5250, 12.6040,
24.8920

 65.6990, 12.0540,
23.8460

 41.9870, 11.1830,

23.1110

■ 19.1010, 10.8620,
23.4220

■ 8.9440, 3.5740,
12.3260

■ 222.6010, 15.4460,
28.4540

■ 222.6010, 15.4460,
28.4540

■ 207.3390, 22.5960,
42.0520

■ 237.2760, 8.5710,
15.3790

■ 192.5500, 29.7920,
54.8160

■ 252.6520, 1.1000,
2.0920

■ 177.2880, 36.9420,
68.4140

255.0000, -0.0000,
-0.0000

■ 162.4990, 44.1380,
81.1780

■ 147.2370, 51.2880,
94.7760

■ 132.4480, 58.4840,
107.5400

■ 117.1860, 65.6340,
121.1380

■ 104.7450, 71.7300,
131.8100

Harmonies

Analogous

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



217.8100, -10.5480, 14.9560



222.6010, 15.4460, 28.4540



215.5450, 27.0470, 21.9510

Triad

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



222.6010, 15.4460, 28.4540



216.3150, 38.0570, -12.3990



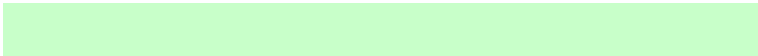
200.8580, -73.5380, -21.9060

Complementary

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



222.6010, 15.4460, 28.4540



232.3990, -15.4460, -28.4540

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.



203.3750, -50.4290, -27.7170



222.6010, 15.4460, 28.4540



212.7030, 13.1170, -22.9710

Square

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



222.6010, 15.4460, 28.4540



214.2160, 43.1900, -0.7940



208.7300, -17.8760, -28.4680



202.6510, -68.2210, -13.6370

Rectangle

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



222.6010, 15.4460, 28.4540



213.0370, 34.1090, 15.1090



208.7300, -17.8760, -28.4680



200.8000, -67.6230, -24.4790

Sweetspot

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



222.6010, 15.4460, 28.4540



246.1950, 4.1250, 7.8450



206.5690, -17.0590, 17.3170



122.6030, 2.7960, 4.3960



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.



222.6010, 15.4460, 28.4540



216.1440, 18.4710, 34.2070



219.5230, 24.1130, 20.0570



120.2550, 3.8960, 6.4880



78.5410, 53.4880, 98.9600



26.3180, 17.9210, 33.1610

Inverse Universe

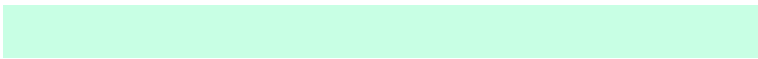
The Inverse Universe completely reimagines the original color for something new.



222.6010, 15.4460, 28.4540



216.1440, 18.4710, 34.2070



235.4770, -24.1130, -20.0570



120.2550, 3.8960, 6.4880



78.5410, 53.4880, 98.9600



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 222.6010, 15.4460, 28.4540 looks on a white background.

Color Contrast Check

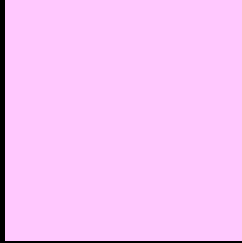
Large Text (above 18pt) WCAG AA × Fail

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 222.6010, 15.4460, 28.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

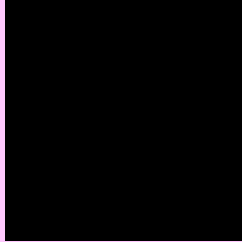
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.6010, 15.4460, 28.4540

Background



This preview shows how black text looks on a background with the YIQ color 222.6010, 15.4460, 28.4540.



This preview shows how white text looks on a background with the YIQ color 222.6010, 15.4460,

28.4540.

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

222.6010, 15.4460, 28.4540

Protanopia

218.3530, -16.6910, 10.6450

Deuteranopia

219.8490, -6.2840, 14.7720



Tritanopia

220.9800, 21.0880, 14.3040

Trichromacy



Original Color

222.6010, 15.4460, 28.4540



Protanomaly

219.9140, -4.9090, 17.3870



Deuteranomaly

221.2030, 1.6470, 19.7190



Tritanomaly

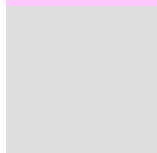
221.7720, 18.9780, 19.5060

Monochromacy



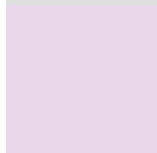
Original Color

222.6010, 15.4460, 28.4540



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.6010, 15.4460, 28.4540 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(255, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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(255, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 254) }
```

Border

The CSS property to change the border of an element to YIQ 222.6010, 15.4460, 28.4540 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(255, 200, 254) }
```


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

```
.border{ border-color:rgb(255, 200, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 222.6010, 15.4460, 28.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 254) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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