

Converting Colors

YIQ(222.2250, 4.5810, 21.6130)

Have a look what the booklet for
YIQ(222.2250, 4.5810, 21.6130)
contains.

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Color

**YIQ(222.2250, 4.5810,
21.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CFFE
RGB	240, 207, 254
RGB Percent	94%, 81%, 100%
CMY	0.0587, 0.1883, 0.0039
CMYK	0.05, 0.19, 0.00, 0.00
HSL	282°, 96%, 90%
HSV	282°, 19%, 100%
XYZ	76.1427, 70.3045, 103.3190
YIQ	222.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

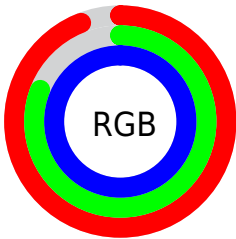
Format	Color
R_{YB}	240, 207, 254
Decimal	15781886
CIE _{Lab}	87.15, 19.78, -18.70
CIE _{LCh}	87, 27.216, 316.611
Yxy	70.3045, 0.3049, 0.2815
Android (android.graphics.Color)	4293971966 (0xFFFF0CFE)
YUV	222.2250, 15.6651, 15.5887
Hunter-Lab	83.8478, 15.3632, -14.3649

Details

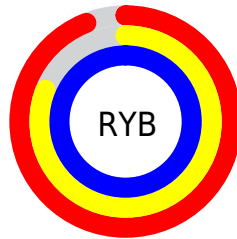
The YIQ color $222.2250, 4.5810, 21.6130$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $238.7750, -4.5810, -21.6130$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.2850, 4.3520, 20.2560$ is the 20% darker color. If you saturate the color by 10%, you get $205.1580, 6.6880, 32.9920$, and if you desaturate by 10%, it is $239.2920, 2.4740, 10.2340$.

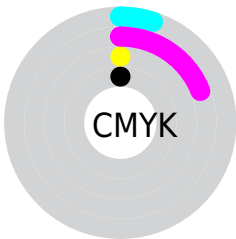
Distribution



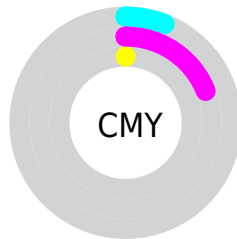
- Red (94%)
- Green (81%)
- Blue (100%)



- Red (94%)
- Yellow (81%)
- Blue (100%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.2250, 4.5810, 21.6130 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 222.2250, 4.5810, 21.6130 by changing the saturation by 10% instead.

222.2250, 4.5810,
21.6130

222.2250, 4.5810,
21.6130

255.0000, -0.0000,
-0.0000

194.1110, 4.9020,
21.3020

167.2850, 4.3520,
20.2560

140.2850, 4.3520,
20.2560

114.4590, 3.8020,
19.2100

90.0460, 3.5270,
18.6870

66.2200, 2.9770,
17.6410

43.6930, 3.0230,

16.8070

■ 21.9810, 2.1520,
16.0720

■ 4.1600, -5.9620,
8.9340

■ 222.2250, 4.5810,
21.6130

■ 222.2250, 4.5810,
21.6130

■ 205.1580, 6.6880,
32.9920

■ 239.2920, 2.4740,
10.2340

■ 187.8030, 9.6660,
45.1060

254.8860, 0.3210,
-0.3110

■ 170.7360, 11.7730,
56.4850

■ 153.3810, 14.7510,
68.5990

■ 136.3140, 16.8580,
79.9780

■ 119.5460, 19.5610,
91.5690

■ 101.8920, 21.9430,
103.4710

■ 85.1240, 24.6460,
115.0620

■ 82.4770, 25.1500,
116.9420

Harmonies

Analogous

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



217.7550, -17.8830, 10.2210



222.2250, 4.5810, 21.6130



220.5660, 22.5540, 20.7780

Triad

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



222.2250, 4.5810, 21.6130



218.4490, 34.9840, -6.2640



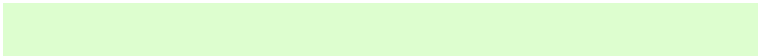
207.1720, -50.9350, -18.5430

Complementary

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



222.2250, 4.5810, 21.6130



238.7750, -4.5810, -21.6130

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.



208.8890, -31.2650, -22.6010



222.2250, 4.5810, 21.6130



215.6700, 17.8840, -15.7480

Square

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



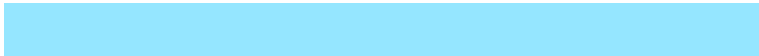
222.2250, 4.5810, 21.6130



217.3280, 37.1830, 3.4470



212.2910, -6.0940, -21.7260



208.6310, -56.3010, -9.3970

Rectangle

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



222.2250, 4.5810, 21.6130



217.9270, 28.6070, 15.7030



212.2910, -6.0940, -21.7260



207.3420, -45.6620, -20.4940

Sweetspot

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



222.2250, 4.5810, 21.6130



244.7000, 1.1450, 6.7850



220.5760, -18.9370, 7.2950



121.8200, 0.6870, 4.0710



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.



222.2250, 4.5810, 21.6130



217.0450, 5.2680, 25.6840



225.3850, 15.8140, 21.7820



119.1730, 1.1910, 5.9510



61.8400, 18.5530, 87.8090



20.7510, 6.2760, 29.4440

Inverse Universe

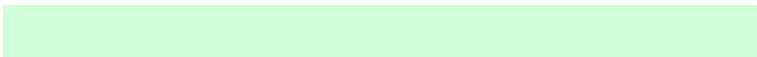
The Inverse Universe completely reimagines the original color for something new.



222.6490, 23.5180, 14.3180



217.6820, 27.9190, 17.1590



235.6150, -15.8140, -21.7820



119.3430, 6.4640, 4.0000



63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 222.2250, 4.5810, 21.6130 looks on a white background.

Color Contrast Check

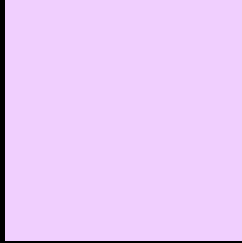
Large Text (above 18pt) WCAG AA × Fail

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 222.2250, 4.5810, 21.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

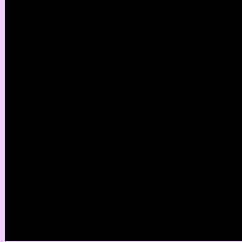
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.2250, 4.5810, 21.6130

Background



This preview shows how black text looks on a background with the YIQ color 222.2250, 4.5810, 21.6130.



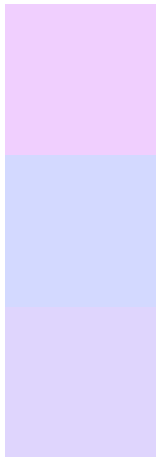
This preview shows how white text looks on a background with the YIQ color 222.2250, 4.5810,

21.6130.

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

222.2250, 4.5810, 21.6130

Protanopia

219.5380, -15.7740, 10.5460

Deuteranopia

220.5500, -6.8800, 14.5600



Tritanopia

221.0000, 9.1680, 10.0640

Trichromacy



Original Color

222.2250, 4.5810, 21.6130

Protanomaly

220.4790, -8.1180, 14.9700

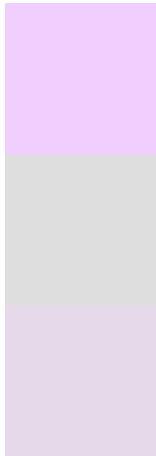
Deuteranomaly

221.1700, -2.7540, 16.8780

Tritanomaly

221.1510, 7.4250, 14.1210

Monochromacy



Original Color

222.2250, 4.5810, 21.6130

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.5260, 1.6950, 7.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.2250, 4.5810, 21.6130 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, 207, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 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(240, 207, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 254) }
```

Border

The CSS property to change the border of an element to YIQ 222.2250, 4.5810, 21.6130 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, 207, 254) }
```


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

```
.border{ border-color:rgb(240, 207, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 207, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 222.2250, 4.5810, 21.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 254) }
```

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

```
.background{ background-color: rgb(240,  
207, 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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