

Converting Colors

YIQ(224.6980, 4.6270, 20.7790)

Have a look what the booklet for
YIQ(224.6980, 4.6270, 20.7790)
contains.

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Color

**YIQ(224.6980, 4.6270,
20.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D2FF
RGB	242, 210, 255
RGB Percent	95%, 82%, 100%
CMY	0.0509, 0.1765, 0.0000
CMYK	0.05, 0.18, 0.00, 0.00
HSL	283°, 100%, 91%
HSV	283°, 18%, 100%
XYZ	77.7197, 72.1883, 104.4417
YIQ	224.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

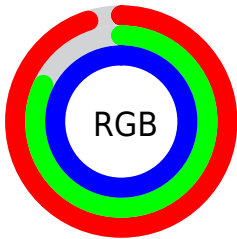
Format	Color
R_{YB}	242, 210, 255
Decimal	15913727
CIE _{Lab}	88.06, 19.03, -17.83
CIE _{LCh}	88, 26.075, 316.858
Yxy	72.1883, 0.3056, 0.2838
Android (android.graphics.Color)	4294103807 (0xFFFF2D2FF)
YUV	224.6980, 14.9389, 15.1739
Hunter-Lab	84.9637, 14.5947, -13.4077

Details

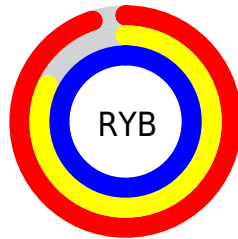
The YIQ color $224.6980, 4.6270, 20.7790$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $240.3020, -4.6270, -20.7790$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.1710, 4.6730, 19.9450$ is the 20% darker color. If you saturate the color by 10%, you get $207.3430, 7.6050, 32.8930$, and if you desaturate by 10%, it is $241.4660, 1.9240, 9.1880$.

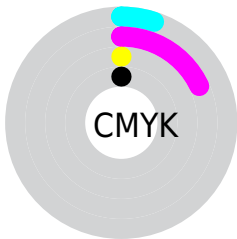
Distribution



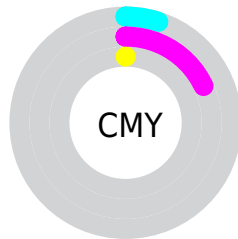
- Red (95%)
- Green (82%)
- Blue (100%)



- Red (95%)
- Yellow (82%)
- Blue (100%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 224.6980, 4.6270, 20.7790 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 224.6980, 4.6270, 20.7790 by changing the saturation by 10% instead.

 224.6980, 4.6270,
20.7790

 224.6980, 4.6270,
20.7790


255.0000, -0.0000,
-0.0000


 196.5840, 4.9480,
20.4680

 169.1710, 4.6730,
19.9450

 142.7580, 4.3980,
19.4220

 116.9320, 3.8480,
18.3760

 92.5190, 3.5730,
17.8530

 68.6930, 3.0230,
16.8070

 45.8670, 2.4730,

15.7610

■ 24.3400, 2.5190,
14.9270

■ 6.3670, -2.1110,
10.7290

■ 224.6980, 4.6270,
20.7790

■ 224.6980, 4.6270,
20.7790

■ 207.3430, 7.6050,
32.8930

■ 241.4660, 1.9240,
9.1880

■ 190.2760, 9.7120,
44.2720

255.0000, -0.0000,
-0.0000

■ 172.9210, 12.6900,
56.3860

■ 156.1530, 15.3930,
67.9770

■ 138.4990, 17.7750,
79.8790

■ 121.7310, 20.4780,
91.4700

■ 104.3760, 23.4560,
103.5840

■ 87.3090, 25.5630,
114.9630

■ 83.4880, 26.6170,
117.8890

Harmonies

Analogous

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



220.1250, -16.0490, 10.0230



224.6980, 4.6270, 20.7790



222.5550, 21.0870, 19.8310

Triad

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



224.6980, 4.6270, 20.7790



221.2640, 34.0670, -6.1650



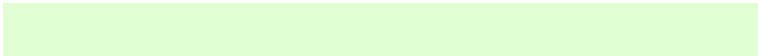
210.3680, -48.5510, -17.6950

Complementary

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



224.6980, 4.6270, 20.7790



240.3020, -4.6270, -20.7790

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.



212.0140, -30.1190, -21.3430



224.6980, 4.6270, 20.7790



218.4850, 16.9670, -15.6490

Square

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



224.6980, 4.6270, 20.7790



219.5450, 35.0740, 3.1220



215.1170, -5.5440, -20.6800



211.5990, -53.2750, -9.1710

Rectangle

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



224.6980, 4.6270, 20.7790



220.0300, 26.8190, 15.0670



215.1170, -5.5440, -20.6800



210.6520, -43.5990, -19.3350

Sweetspot

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



224.6980, 4.6270, 20.7790



246.1730, 1.1910, 5.9510



222.7610, -18.0200, 7.1960



122.4070, 0.4120, 3.5480



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.



224.6980, 4.6270, 20.7790



218.8170, 5.9100, 25.0620



227.5590, 15.2640, 20.7360



119.1730, 1.1910, 5.9510



62.4380, 19.7450, 88.2330



20.7510, 6.2760, 29.4440

Inverse Universe

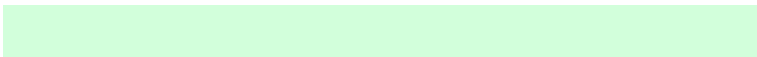
The Inverse Universe completely reimagines the original color for something new.



224.9370, 22.6470, 13.5830



218.9700, 27.0480, 16.4240



237.4410, -15.2640, -20.7360



119.2290, 6.7850, 3.6890



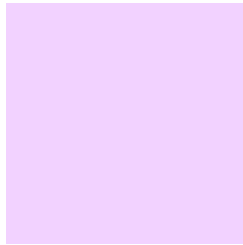
63.3790, 96.1810, 57.5970



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 224.6980, 4.6270, 20.7790 looks on a white background.

Color Contrast Check

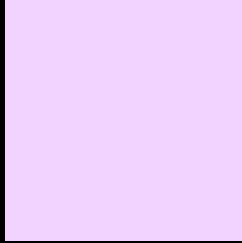
Large Text (above 18pt) WCAG AA × Fail

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 224.6980, 4.6270, 20.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

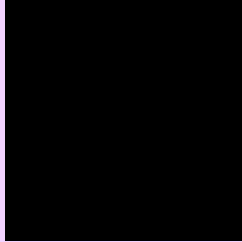
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.6980, 4.6270, 20.7790

Background



This preview shows how black text looks on a background with the YIQ color 224.6980, 4.6270, 20.7790.



This preview shows how white text looks on a background with the YIQ color 224.6980, 4.6270,

20.7790.

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

224.6980, 4.6270, 20.7790

Protanopia

221.6090, -14.5360, 10.1360

Deuteranopia

223.0340, -5.3670, 14.6730



Tritanopia

223.1140, 8.8470, 10.3750

Trichromacy



Original Color

224.6980, 4.6270, 20.7790

Protanomaly

222.8380, -7.7510, 13.8250

Deuteranomaly

223.3550, -1.8370, 16.7790

Tritanomaly

223.8520, 6.8290, 13.9090

Monochromacy



Original Color

224.6980, 4.6270, 20.7790

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1130, 1.4200, 7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.6980, 4.6270, 20.7790 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 255)  
}
```

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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 255) }
```

Border

The CSS property to change the border of an element to YIQ 224.6980, 4.6270, 20.7790 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, 210, 255) }
```


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

```
.border{ border-color:rgb(242, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 224.6980, 4.6270, 20.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 255) }
```

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

```
.background{ background-color: rgb(242,  
210, 255) }
```

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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