

Converting Colors

YIQ(232.6720, 7.5160, 17.9800)

Have a look what the booklet for
YIQ(232.6720, 7.5160, 17.9800)
contains.

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Color

**YIQ(232.6720, 7.5160,
17.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDBFF
RGB	251, 219, 255
RGB Percent	98%, 86%, 100%
CMY	0.0156, 0.1412, 0.0000
CMYK	0.02, 0.14, 0.00, 0.00
HSL	293°, 100%, 93%
HSV	293°, 14%, 100%
XYZ	83.1707, 78.3900, 105.3549
YIQ	232.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

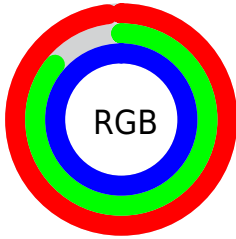
Format	Color
R _Y B	251, 219, 255
Decimal	16505855
CIE Lab	90.96, 17.22, -13.41
CIE LCh	91, 21.822, 322.094
Yxy	78.3900, 0.3116, 0.2937
Android (android.graphics.Color)	4294695935 (0xFFFBDBFF)
YUV	232.6720, 11.0077, 16.0737
Hunter-Lab	88.5381, 12.7373, -8.5748

Details

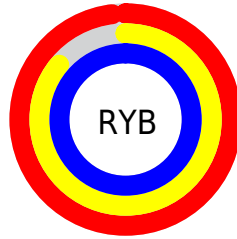
The YIQ color $232.6720, 7.5160, 17.9800$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $241.3280, -7.5160, -17.9800$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.8460, 6.9660, 16.9340$ is the 20% darker color. If you saturate the color by 10%, you get $216.5130, 12.8780, 30.9420$, and if you desaturate by 10%, it is $248.2440, 2.4290, 5.5410$.

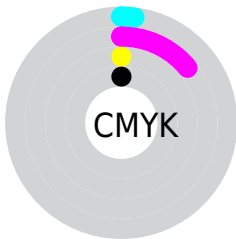
Distribution



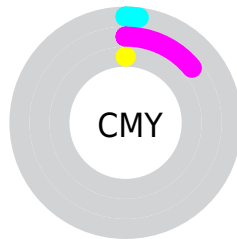
- Red (98%)
- Green (86%)
- Blue (100%)



- Red (98%)
- Yellow (86%)
- Blue (100%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.6720, 7.5160, 17.9800 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 232.6720, 7.5160, 17.9800 by changing the saturation by 10% instead.

 232.6720, 7.5160,
17.9800


 232.6720, 7.5160,
17.9800


255.0000, -0.0000,
-0.0000


 204.2590, 7.2410,
17.4570

 176.8460, 6.9660,
16.9340

 150.4330, 6.6910,
16.4110

 124.0200, 6.4160,
15.8880

 99.0200, 6.4160,
15.8880

 75.1940, 5.8660,
14.8420

 52.3680, 5.3160,

13.7960

■ 30.6560, 4.4450,
13.0610

■ 10.5530, 6.2330,
13.6970

■ 232.6720, 7.5160,
17.9800

■ 232.6720, 7.5160,
17.9800

■ 216.5130, 12.8780,
30.9420

■ 248.2440, 2.4290,
5.5410

■ 200.9410, 17.9650,
43.3810

255.0000, -0.0000,
-0.0000

■ 185.0810, 23.9230,
56.5550

■ 169.5090, 29.0100,
68.9940

■ 153.3500, 34.3720,
81.9560

■ 137.7780, 39.4590,
94.3950

■ 121.6190, 44.8210,
107.3570

■ 106.3460, 50.5040,
120.0080

■ 96.9430, 53.4370,
127.4290

Harmonies

Analogous

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



229.3060, -9.3090, 9.0190



232.6720, 7.5160, 17.9800



229.2400, 17.4200, 14.7000

Triad

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



232.6720, 7.5160, 17.9800



229.1430, 27.0980, -6.5180



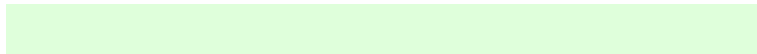
221.0100, -41.4910, -13.4830

Complementary

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



232.6720, 7.5160, 17.9800



241.3280, -7.5160, -17.9800

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.



221.9050, -28.1940, -17.6820



232.6720, 7.5160, 17.9800



226.9020, 11.4190, -14.2210

Square

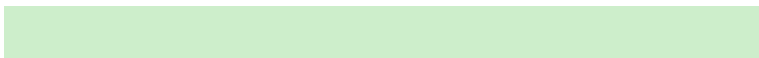
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.6720, 7.5160, 17.9800



227.2560, 28.5180, 0.7900



224.1430, -8.4330, -17.8810



222.2970, -40.6210, -7.2210

Rectangle

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



232.6720, 7.5160, 17.9800



227.6440, 21.9140, 10.3460



224.1430, -8.4330, -17.8810



221.1090, -37.4560, -15.0240

Sweetspot

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



232.6720, 7.5160, 17.9800



248.8310, 2.1540, 5.0180



225.4520, -12.6560, 9.1040



123.5920, 1.3290, 3.4490



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.



232.6720, 7.5160, 17.9800



228.2640, 8.8450, 21.4290



232.2720, 14.3940, 14.4740



119.7710, 2.3830, 6.3750



72.6040, 40.0090, 95.4410



24.3390, 13.4280, 31.9880

Inverse Universe

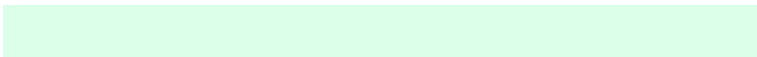
The Inverse Universe completely reimagines the original color for something new.



230.2200, 20.1720, 8.8760



225.3130, 24.3440, 10.3600



241.7280, -14.3940, -14.4740



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 232.6720, 7.5160, 17.9800 looks on a white background.

Color Contrast Check

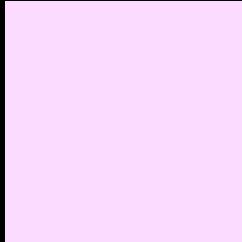
Large Text (above 18pt) WCAG AA × Fail

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 232.6720, 7.5160, 17.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

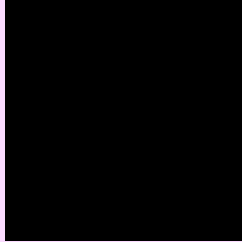
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.6720, 7.5160, 17.9800

Background



This preview shows how black text looks on a background with the YIQ color 232.6720, 7.5160, 17.9800.



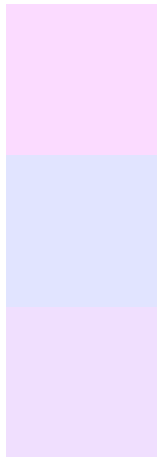
This preview shows how white text looks on a background with the YIQ color 232.6720, 7.5160,

17.9800.

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

232.6720, 7.5160, 17.9800

Protanopia

230.1810, -10.4550, 7.7610

Deuteranopia

231.6170, 0.1810, 13.2450



Tritanopia

232.0110, 10.6350, 11.0110

Trichromacy



Original Color

232.6720, 7.5160, 17.9800

Protanomaly

231.1110, -4.2660, 11.2380

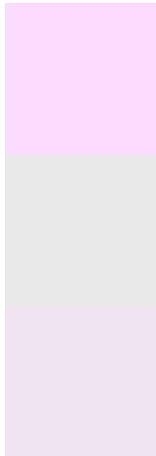
Deuteranomaly

232.2260, 2.8400, 14.6160

Tritanomaly

232.4070, 9.5800, 13.6120

Monochromacy



Original Color

232.6720, 7.5160, 17.9800

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.6720, 7.5160, 17.9800 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(251, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 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(251, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 255) }
```

Border

The CSS property to change the border of an element to YIQ 232.6720, 7.5160, 17.9800 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(251, 219, 255) }
```


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

```
.border{ border-color:rgb(251, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 232.6720, 7.5160, 17.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 255) }
```

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

```
.background{ background-color: rgb(251,  
219, 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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