

Converting Colors

YIQ(223.5580, 7.8370, 17.6690)

Have a look what the booklet for
YIQ(223.5580, 7.8370, 17.6690)
contains.

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Color

**YIQ(223.5580, 7.8370,
17.6690)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2D2F5 |
| RGB | 242, 210, 245 |
| RGB Percent | 95%, 82%, 96% |
| CMY | 0.0509, 0.1765, 0.0392 |
| CMYK | 0.01, 0.14, 0.00, 0.04 |
| HSL | 295°, 64%, 89% |
| HSV | 295°, 14%, 96% |
| XYZ | 76.1514, 71.5609, 96.1860 |
| YIQ | 223.5580, 7.8370, 17.6690 |

Conversions

Conversions Part 2

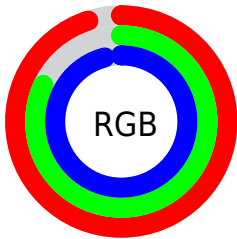
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 210, 245 |
| Decimal | 15913717 |
| CIE Lab | 87.76, 17.16, -13.01 |
| CIE LCh | 88, 21.537, 322.833 |
| Yxy | 71.5609, 0.3122, 0.2934 |
| Android (android.graphics.Color) | 4294103797 (0xFFFF2D2F5) |
| YUV | 223.5580, 10.5709, 16.1736 |
| Hunter-Lab | 84.5937, 12.6472, -8.1993 |

Details

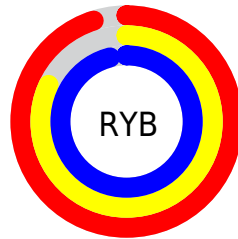
The YIQ color $223.5580, 7.8370, 17.6690$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.4420, -7.8370, -17.6690$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.1450, 7.5620, 17.1460$ is the 20% darker color. If you saturate the color by 10%, you get $208.2850, 13.5200, 30.3200$, and if you desaturate by 10%, it is $238.2440, 2.4290, 5.5410$.

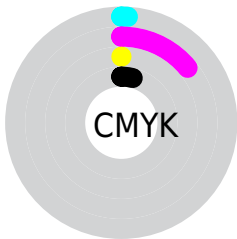
Distribution



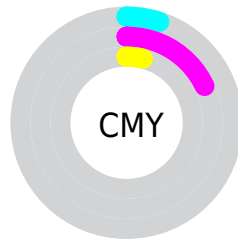
- Red (95%)
- Green (82%)
- Blue (96%)



- Red (95%)
- Yellow (82%)
- Blue (96%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.5580, 7.8370, 17.6690 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 223.5580, 7.8370, 17.6690 by changing the saturation by 10% instead.

223.5580, 7.8370,
17.6690

223.5580, 7.8370,
17.6690

255.0000, -0.0000,
-0.0000

195.5580, 7.8370,
17.6690

168.1450, 7.5620,
17.1460

141.7320, 7.2870,
16.6230

115.9060, 6.7370,
15.5770

91.4930, 6.4620,
15.0540

67.7810, 5.5910,
14.3190

45.2540, 5.6370,

13.4850

■ 23.8410, 5.3620,
12.9620

■ 4.9710, -1.0560,
8.1280

■ 223.5580, 7.8370,
17.6690

■ 223.5580, 7.8370,
17.6690

■ 208.2850, 13.5200,
30.3200

■ 238.2440, 2.4290,
5.5410

■ 193.5990, 18.9280,
42.4480

■ 251.1690, -2.1540,
-5.0180

■ 178.3260, 24.6110,
55.0990

■ 251.7670, -0.9620,
-4.5940

■ 163.6400, 30.0190,
67.2270

■ 252.3650, 0.2300,
-4.1700

148.3670, 35.7020,
79.8780

252.9630, 1.4220,
-3.7460

133.6810, 41.1100,
92.0060

253.8600, 3.2100,
-3.1100

118.1090, 46.1970,
104.4450

103.4230, 51.6050,
116.5730

94.9060, 54.8590,
123.6830

Harmonies

Analogous

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



220.7450, -11.9230, 12.3410



223.5580, 7.8370, 17.6690



222.9310, 22.7840, 16.6080

Triad

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



223.5580, 7.8370, 17.6690



219.9580, 26.1810, -6.4190



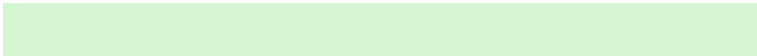
212.3090, -40.8950, -13.2710

Complementary

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



223.5580, 7.8370, 17.6690



231.4420, -7.8370, -17.6690

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.



213.2040, -27.5980, -17.4700



223.5580, 7.8370, 17.6690



217.7170, 10.5020, -14.1220

Square

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



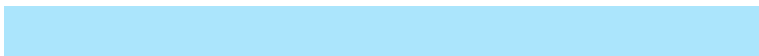
223.5580, 7.8370, 17.6690



221.5340, 33.6070, 2.1750



215.2570, -8.7540, -17.5700



214.2800, -41.9510, -5.1430

Rectangle

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



223.5580, 7.8370, 17.6690



221.3350, 27.2780, 12.2540



215.2570, -8.7540, -17.5700



212.1090, -37.4560, -15.0240

Sweetspot

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



223.5580, 7.8370, 17.6690



248.8310, 2.1540, 5.0180



215.7510, -12.0600, 9.3160



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.



223.5580, 7.8370, 17.6690



228.5630, 9.4410, 21.6410



222.8590, 14.1190, 13.9510



114.6570, 2.7040, 6.0640



72.0340, 41.6140, 93.8860



22.8720, 13.2450, 29.7970

Inverse Universe

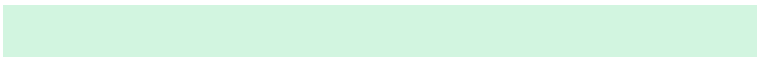
The Inverse Universe completely reimagines the original color for something new.



220.8070, 19.8970, 8.3530



225.1990, 24.6650, 10.0490



232.1410, -14.1190, -13.9510



113.7020, 6.8310, 2.8550



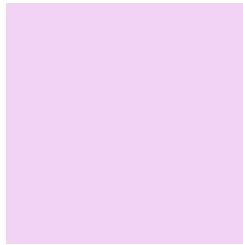
57.4380, 105.7200, 44.4080



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 223.5580, 7.8370, 17.6690 looks on a white background.

Color Contrast Check

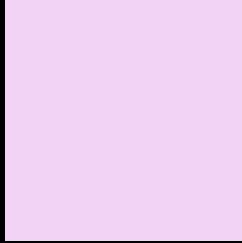
Large Text (above 18pt) WCAG AA × Fail

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 223.5580, 7.8370, 17.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

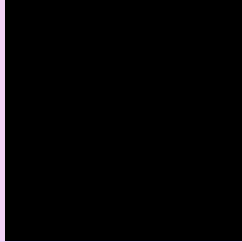
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.5580, 7.8370, 17.6690

Background



This preview shows how black text looks on a background with the YIQ color 223.5580, 7.8370, 17.6690.



This preview shows how white text looks on a background with the YIQ color 223.5580, 7.8370,

17.6690.

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

223.5580, 7.8370, 17.6690

Protanopia

220.7510, -12.0600, 9.3160

Deuteranopia

222.2040, -0.0940, 12.7220



Tritanopia

222.8970, 10.9560, 10.7000

Trichromacy



Original Color

223.5580, 7.8370, 17.6690

Protanomaly

221.7520, -4.6330, 12.3830

Deuteranomaly

222.8130, 2.5650, 14.0930

Tritanomaly

223.2930, 9.9010, 13.3010

Monochromacy



Original Color

223.5580, 7.8370, 17.6690

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5580, 7.8370, 17.6690 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 245) }
```

Border

The CSS property to change the border of an element to YIQ 223.5580, 7.8370, 17.6690 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, 245) }
```


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

```
.border{ border-color:rgb(242, 210, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5580, 7.8370, 17.6690 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, 245) }
```

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

```
.background{ background-color: rgb(242,  
210, 245) }
```

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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