

Converting Colors

YIQ(220.0420, 9.3500, 17.7820)

Have a look what the booklet for
YIQ(220.0420, 9.3500, 17.7820)
contains.

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Color

**YIQ(220.0420, 9.3500,
17.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEF0
RGB	240, 206, 240
RGB Percent	94%, 81%, 94%
CMY	0.0587, 0.1922, 0.0588
CMYK	0.00, 0.14, 0.00, 0.06
HSL	300°, 53%, 87%
HSV	300°, 14%, 94%
XYZ	73.7405, 68.9570, 91.8637
YIQ	220.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

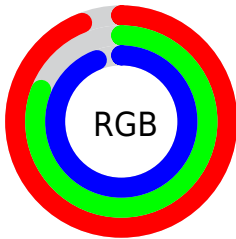
Format	Color
R _Y B	240, 206, 240
Decimal	15781616
CIE Lab	86.48, 17.70, -12.29
CIE LCh	86, 21.549, 325.228
Yxy	68.9570, 0.3144, 0.2940
Android (android.graphics.Color)	4293971696 (0xFFFF0CEF0)
YUV	220.0420, 9.8393, 17.5032
Hunter-Lab	83.0404, 13.1887, -7.4615

Details

The YIQ color $220.0420, 9.3500, 17.7820$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $225.9580, -9.3500, -17.7820$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.2160, 8.8000, 16.7360$ is the 20% darker color. If you saturate the color by 10%, you get $205.9540, 15.9500, 30.3340$, and if you desaturate by 10%, it is $234.1300, 2.7500, 5.2300$.

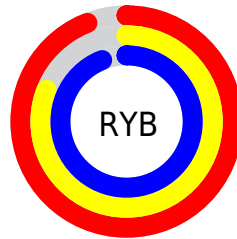
Distribution



Red (94%)

Green (81%)

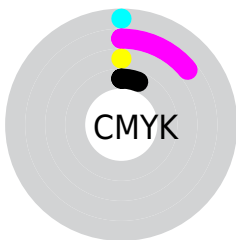
Blue (94%)



Red (94%)

Yellow (81%)

Blue (94%)

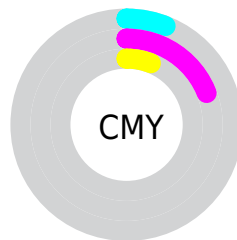


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0420, 9.3500, 17.7820 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 220.0420, 9.3500, 17.7820 by changing the saturation by 10% instead.

220.0420, 9.3500,
17.7820

220.0420, 9.3500,
17.7820

255.0000, -0.0000,
-0.0000

192.0420, 9.3500,
17.7820

165.2160, 8.8000,
16.7360

138.8030, 8.5250,
16.2130

112.5040, 7.9290,
16.0010

88.0910, 7.6540,
15.4780

64.6780, 7.3790,
14.9550

42.4390, 6.5540,

13.3860

■ 20.5530, 6.2330,
13.6970

■ 1.7100, -4.8150,
4.6650

■ 220.0420, 9.3500,
17.7820

■ 220.0420, 9.3500,
17.7820

■ 205.9540, 15.9500,
30.3340

■ 234.1300, 2.7500,
5.2300

■ 191.8660, 22.5500,
42.8860

■ 248.2180, -3.8500,
-7.3220

■ 177.7780, 29.1500,
55.4380

■ 248.8050, -4.1250,
-7.8450

■ 163.6900, 35.7500,
67.9900

■ 149.6020, 42.3500,
80.5420

■ 135.5140, 48.9500,
93.0940

■ 121.4260, 55.5500,
105.6460

■ 107.3380, 62.1500,
118.1980

■ 99.1200, 66.0000,
125.5200

Harmonies

Analogous

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



217.8700, -10.7770, 13.5990



220.0420, 9.3500, 17.7820



220.0130, 25.4890, 17.1450

Triad

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



220.0420, 9.3500, 17.7820



216.2460, 25.3100, -7.1540



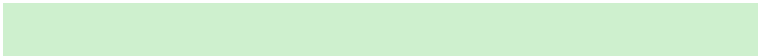
208.8360, -40.9410, -12.4370

Complementary

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



220.0420, 9.3500, 17.7820



225.9580, -9.3500, -17.7820

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.



209.1330, -28.8360, -17.0600



220.0420, 9.3500, 17.7820



213.5320, 9.5850, -14.0230

Square

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



220.0420, 9.3500, 17.7820



217.8330, 34.2030, 2.3870



211.4740, -10.8630, -17.8950



210.6930, -41.6760, -4.6200

Rectangle

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



220.0420, 9.3500, 17.7820



218.4170, 29.9830, 12.7910



211.4740, -10.8630, -17.8950



208.3370, -38.0980, -14.4020

Sweetspot

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



220.0420, 9.3500, 17.7820



249.1300, 2.7500, 5.2300



209.8760, -10.9140, 10.5740



123.7770, 2.2460, 3.3500



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.



220.0420, 9.3500, 17.7820



229.7590, 11.8250, 22.4890



218.1040, 14.8070, 12.4950



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Inverse Universe

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



220.0420, 9.3500, 17.7820



229.7590, 11.8250, 22.4890



227.8960, -14.8070, -12.4950



112.9560, 3.3000, 6.2760



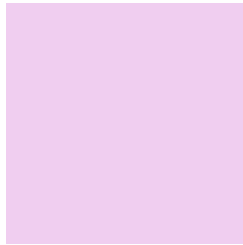
75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 220.0420, 9.3500, 17.7820 looks on a white background.

Color Contrast Check

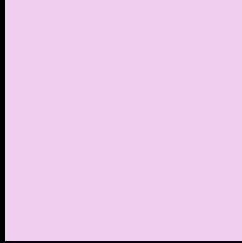
Large Text (above 18pt) WCAG AA × Fail

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 220.0420, 9.3500, 17.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

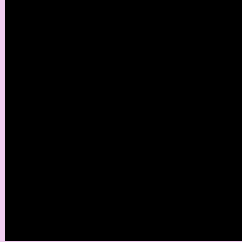
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.0420, 9.3500, 17.7820

Background



This preview shows how black text looks on a background with the YIQ color 220.0420, 9.3500, 17.7820.



This preview shows how white text looks on a background with the YIQ color 220.0420, 9.3500,

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

220.0420, 9.3500, 17.7820

Protanopia

217.6370, -11.7390, 9.0050

Deuteranopia

218.9760, 0.5480, 12.1000



Tritanopia

219.4950, 12.1480, 11.1240

Trichromacy



Original Color

220.0420, 9.3500, 17.7820

Protanomaly

218.6380, -4.3120, 12.0720

Deuteranomaly

219.2970, 4.0780, 14.2060

Tritanomaly

219.7770, 11.4140, 13.4140

Monochromacy



Original Color

220.0420, 9.3500, 17.7820

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0420, 9.3500, 17.7820 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, 206, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 240)  
}
```

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, 206, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 240) }
```

Border

The CSS property to change the border of an element to YIQ 220.0420, 9.3500, 17.7820 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, 206, 240) }
```


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

```
.border{ border-color:rgb(240, 206, 240) }
```

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

Here you see how a box with a 4 pixel rgb(240, 206, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0420, 9.3500, 17.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 240) }
```

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

```
.background{ background-color: rgb(240,  
206, 240) }
```

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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