

Converting Colors

YIQ(235.0420, 9.3500, 17.7820)

Have a look what the booklet for
YIQ(235.0420, 9.3500, 17.7820)
contains.

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Color

**YIQ(235.0420, 9.3500,
17.7820)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFDDFF |
| RGB | 255, 221, 255 |
| RGB Percent | 100%, 87%, 100% |
| CMY | 0.0000, 0.1334, 0.0000 |
| CMYK | 0.00, 0.13, 0.00, 0.00 |
| HSL | 300°, 100%, 93% |
| HSV | 300°, 13%, 100% |
| XYZ | 85.1427, 80.1854, 105.5976 |
| YIQ | 235.0420, 9.3500, 17.7820 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 221, 255 |
| Decimal | 16768511 |
| CIE Lab | 91.77, 17.47, -12.16 |
| CIE LCh | 92, 21.290, 325.165 |
| Yxy | 80.1854, 0.3143, 0.2960 |
| Android (android.graphics.Color) | 4294958591 (0xFFFFDDFF) |
| YUV | 235.0420, 9.8393, 17.5032 |
| Hunter-Lab | 89.5463, 13.0159, -7.2354 |

Details

The YIQ color $235.0420, 9.3500, 17.7820$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $240.9580, -9.3500, -17.7820$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.2160, 8.8000, 16.7360$ is the 20% darker color. If you saturate the color by 10%, you get $219.7800, 16.5000, 31.3800$, and if you desaturate by 10%, it is $249.7170, 2.4750, 4.7070$.

Distribution



- Red (100%)
- Green (87%)
- Blue (100%)



- Red (100%)
- Yellow (87%)
- Blue (100%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.0420, 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 235.0420, 9.3500, 17.7820 by changing the saturation by 10% instead.


 235.0420, 9.3500,
17.7820

 235.0420, 9.3500,
17.7820


255.0000, -0.0000,
-0.0000


 206.6290, 9.0750,
17.2590

 179.2160, 8.8000,
16.7360

 152.2160, 8.8000,
16.7360

 126.3900, 8.2500,
15.6900

 101.0910, 7.6540,
15.4780

 76.6780, 7.3790,
14.9550

 53.8520, 6.8290,

13.9090

■ 32.1400, 5.9580,
13.1740

■ 11.4500, 8.0210,
14.3330

■ 235.0420, 9.3500,
17.7820

■ 235.0420, 9.3500,
17.7820

■ 219.7800, 16.5000,
31.3800

■ 249.7170, 2.4750,
4.7070

■ 205.1050, 23.3750,
44.4550

255.0000, -0.0000,
-0.0000

■ 189.8430, 30.5250,
58.0530

■ 175.1680, 37.4000,
71.1280

■ 159.9060, 44.5500,
84.7260

■ 145.2310, 51.4250,
97.8010

■ 129.9690, 58.5750,
111.3990

■ 115.2940, 65.4500,
124.4740

■ 105.3150, 70.1250,
133.3650

Harmonies

Analogous

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



231.3880, -6.6040, 9.5560



235.0420, 9.3500, 17.7820



230.5280, 16.5490, 13.9650

Triad

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



235.0420, 9.3500, 17.7820



231.2460, 25.3100, -7.1540



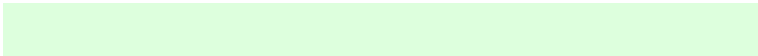
223.8360, -40.9410, -12.4370

Complementary

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



235.0420, 9.3500, 17.7820



240.9580, -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.



224.1330, -28.8360, -17.0600



235.0420, 9.3500, 17.7820



228.5320, 9.5850, -14.0230

Square

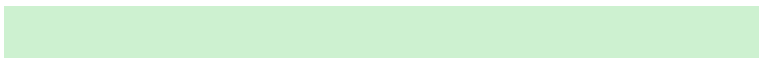
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.0420, 9.3500, 17.7820



229.2450, 27.0510, -0.1570



226.4740, -10.8630, -17.8950



224.9660, -38.1910, -7.2070

Rectangle

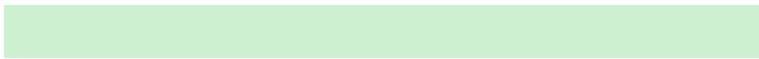
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.0420, 9.3500, 17.7820



228.9320, 21.0430, 9.6110



226.4740, -10.8630, -17.8950



223.6360, -37.5020, -14.1900

Sweetspot

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



235.0420, 9.3500, 17.7820



249.1300, 2.7500, 5.2300



224.8760, -10.9140, 10.5740



123.8910, 1.9250, 3.6610



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.



235.0420, 9.3500, 17.7820



230.9330, 11.2750, 21.4430



233.1040, 14.8070, 12.4950



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

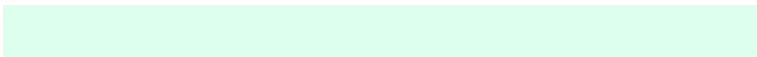
The Inverse Universe completely reimagines the original color for something new.



235.0420, 9.3500, 17.7820



230.9330, 11.2750, 21.4430



242.8960, -14.8070, -12.4950



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 235.0420, 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 235.0420, 9.3500, 17.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

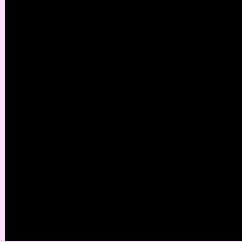
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.0420, 9.3500, 17.7820

Background



This preview shows how black text looks on a background with the YIQ color 235.0420, 9.3500, 17.7820.



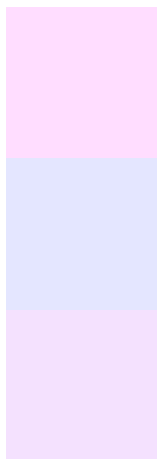
This preview shows how white text looks on a background with the YIQ color 235.0420, 9.3500,

17.7820.

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

235.0420, 9.3500, 17.7820

Protanopia

232.2520, -9.2170, 7.3510

Deuteranopia

233.9870, 2.0150, 13.0470



Tritanopia

234.0220, 12.1020, 11.9580

Trichromacy



Original Color

235.0420, 9.3500, 17.7820

Protanomaly

233.4810, -2.4320, 11.0400

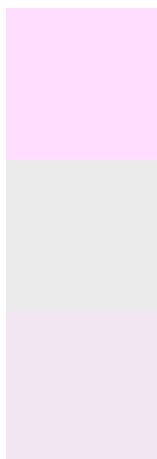
Deuteranomaly

234.5960, 4.6740, 14.4180

Tritanomaly

234.3040, 11.3680, 14.2480

Monochromacy



Original Color

235.0420, 9.3500, 17.7820

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.0420, 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(255, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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(255, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 255) }
```

Border

The CSS property to change the border of an element to YIQ 235.0420, 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(255, 221, 255) }
```


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

```
.border{ border-color:rgb(255, 221, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 235.0420, 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(255, 221, 255) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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