

Converting Colors

YIQ(218.8510, 17.7380, 30.9700)

Have a look what the booklet for
YIQ(218.8510, 17.7380, 30.9700)
contains.

YIQ(218.8510, 17.7380, 30.9700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.8510, 17.7380,
30.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2FC
RGB	255, 194, 252
RGB Percent	100%, 76%, 99%
CMY	0.0000, 0.2393, 0.0117
CMYK	0.00, 0.24, 0.01, 0.00
HSL	303°, 100%, 88%
HSV	303°, 24%, 100%
XYZ	78.0978, 66.8609, 100.8901
YIQ	218.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

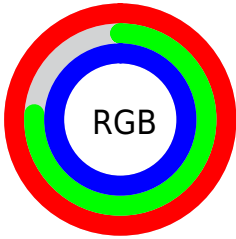
Format	Color
R _Y B	255, 194, 252
Decimal	16761596
CIE Lab	85.43, 31.10, -20.10
CIE LCh	85, 37.027, 327.131
Yxy	66.8609, 0.3177, 0.2720
Android (android.graphics.Color)	4294951676 (0xFFFFC2FC)
YUV	218.8510, 16.3425, 31.7027
Hunter-Lab	81.7685, 27.3920, -15.9170

Details

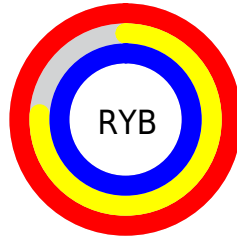
The YIQ color **218.8510, 17.7380, 30.9700** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **230.1490, -17.7380, -30.9700**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.6520, 1.1000, 2.0920**, and **163.6120, 16.9130, 29.4010** is the 20% darker color. If you saturate the color by 10%, you get **203.4750, 25.2090, 44.2570**, and if you desaturate by 10%, it is **233.6400, 10.5420, 18.2060**.

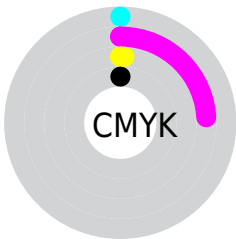
Distribution



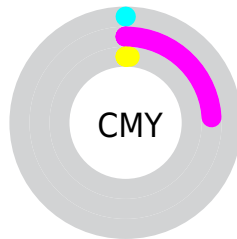
- Red (100%)
- Green (76%)
- Blue (99%)



- Red (100%)
- Yellow (76%)
- Blue (99%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 218.8510, 17.7380, 30.9700 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 218.8510, 17.7380, 30.9700 by changing the saturation by 10% instead.


 218.8510, 17.7380,
30.9700

 218.8510, 17.7380,
30.9700


255.0000, -0.0000,
-0.0000


 191.0250, 17.1880,
29.9240


 252.6520, 1.1000,
2.0920

 163.6120, 16.9130,
29.4010

 136.9000, 16.0420,
28.6660

 111.1880, 15.1710,
27.9310

 85.7750, 14.8960,
27.4080

 61.6500, 13.7500,
26.1500

 37.6500, 13.7500,

26.1500

■ 17.9870, 11.1830,
23.1110

■ 7.2210, 1.2360,
10.6440

■ 218.8510, 17.7380,
30.9700

■ 218.8510, 17.7380,
30.9700

■ 203.4750, 25.2090,
44.2570

■ 233.6400, 10.5420,
18.2060

■ 188.6860, 32.4050,
57.0210

■ 249.1300, 2.7500,
5.2300

■ 173.1960, 40.1970,
69.9970

255.0000, -0.0000,
-0.0000

■ 158.4070, 47.3930,
82.7610

■ 143.0310, 54.8640,
96.0480

■ 128.2420, 62.0600,
108.8120

■ 112.7520, 69.8520,
121.7880

■ 103.8330, 74.2980,
129.3220

Harmonies

Analogous

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



213.9780, -10.9610, 16.9350



218.8510, 17.7380, 30.9700



210.8660, 30.5770, 24.0570

Triad

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



218.8510, 17.7380, 30.9700



211.6310, 39.9830, -14.2650



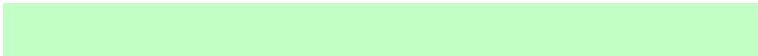
193.3020, -83.7160, -24.6760

Complementary

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



218.8510, 17.7380, 30.9700



230.1490, -17.7380, -30.9700

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.



197.6730, -57.2600, -30.5720



218.8510, 17.7380, 30.9700



208.1220, 13.2550, -25.4730

Square

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



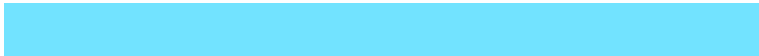
218.8510, 17.7380, 30.9700



210.2550, 47.4540, -0.9780



203.2950, -21.0850, -30.8850



196.4050, -76.3360, -15.2480

Rectangle

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



218.8510, 17.7380, 30.9700



208.8310, 37.6850, 16.3810



203.2950, -21.0850, -30.8850



194.1300, -77.4800, -27.5600

Sweetspot

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



218.8510, 17.7380, 30.9700



244.3200, 5.2710, 9.1030



201.5520, -18.3890, 19.3950



121.4290, 3.3460, 5.4420



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.



218.8510, 17.7380, 30.9700



211.1060, 21.6340, 37.4580



215.4310, 27.3680, 21.6400



120.2550, 3.8960, 6.4880



77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Inverse Universe

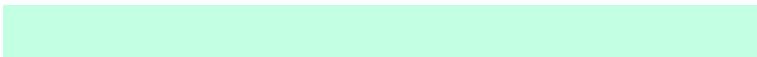
The Inverse Universe completely reimagines the original color for something new.



218.8510, 17.7380, 30.9700



211.1060, 21.6340, 37.4580



233.5690, -27.3680, -21.6400



120.2550, 3.8960, 6.4880



77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 218.8510, 17.7380, 30.9700 looks on a white background.

Color Contrast Check

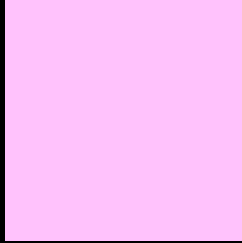
Large Text (above 18pt) WCAG AA × Fail

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 218.8510, 17.7380, 30.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

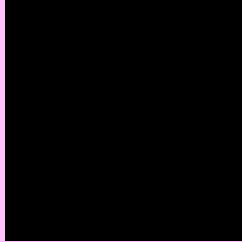
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.8510, 17.7380, 30.9700

Background



This preview shows how black text looks on a background with the YIQ color 218.8510, 17.7380, 30.9700.



This preview shows how white text looks on a background with the YIQ color 218.8510, 17.7380,

30.9700.

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

218.8510, 17.7380, 30.9700

Protanopia

214.5100, -18.5710, 11.6770

Deuteranopia

216.2510, -7.4760, 14.3480



Tritanopia

217.3610, 24.3890, 15.0530

Trichromacy



Original Color

218.8510, 17.7380, 30.9700



Protanomaly

215.9680, -5.0010, 19.0550



Deuteranomaly

217.3170, 1.3260, 20.0300



Tritanomaly

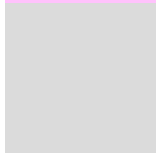
217.6800, 22.2330, 21.0890

Monochromacy



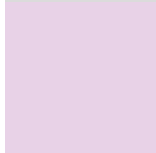
Original Color

218.8510, 17.7380, 30.9700



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.8510, 17.7380, 30.9700 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, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 252)  
}
```

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, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 252) }
```

Border

The CSS property to change the border of an element to YIQ 218.8510, 17.7380, 30.9700 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, 194, 252) }
```


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

```
.border{ border-color:rgb(255, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 218.8510, 17.7380, 30.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 252) }
```

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

```
.background{ background-color: rgb(255,  
194, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor