

Converting Colors

YIQ(218.2850, 13.5200, 30.3200)

Have a look what the booklet for
YIQ(218.2850, 13.5200, 30.3200)
contains.

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Color

**YIQ(218.2850, 13.5200,
30.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC3FF
RGB	250, 195, 255
RGB Percent	98%, 76%, 100%
CMY	0.0194, 0.2354, 0.0000
CMYK	0.02, 0.24, 0.00, 0.00
HSL	295°, 100%, 88%
HSV	295°, 24%, 100%
XYZ	76.9997, 66.5718, 103.3991
YIQ	218.2850, 13.5200, 30.3200

Conversions

Conversions Part 2

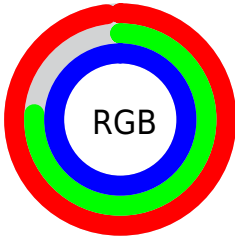
Format	Color
R _Y B	250, 195, 255
Decimal	16434175
CIE Lab	85.29, 29.53, -21.95
CIE LCh	85, 36.791, 323.370
Yxy	66.5718, 0.3118, 0.2696
Android (android.graphics.Color)	4294624255 (0xFFFA33FF)
YUV	218.2850, 18.1005, 27.8141
Hunter-Lab	81.5916, 25.6689, -18.0227

Details

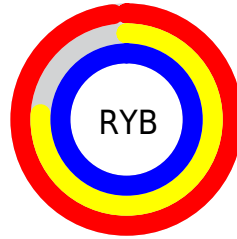
The YIQ color $218.2850, 13.5200, 30.3200$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $231.7150, -13.5200, -30.3200$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $163.0460, 12.6950, 28.7510$ is the 20% darker color. If you saturate the color by 10%, you get $202.4250, 19.4780, 43.4940$, and if you desaturate by 10%, it is $233.5580, 7.8370, 17.6690$.

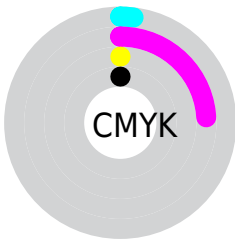
Distribution



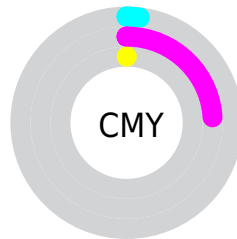
- Red (98%)
- Green (76%)
- Blue (100%)



- Red (98%)
- Yellow (76%)
- Blue (100%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2850, 13.5200, 30.3200 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 218.2850, 13.5200, 30.3200 by changing the saturation by 10% instead.


 218.2850, 13.5200,
30.3200

 218.2850, 13.5200,
30.3200

255.0000, -0.0000,
-0.0000


 190.4590, 12.9700,
29.2740


 253.2390, 0.8250,
1.5690

 163.0460, 12.6950,
28.7510

 136.3340, 11.8240,
28.0160

 110.8070, 11.8700,
27.1820

 85.9810, 11.3200,
26.1360

 61.3830, 10.1280,
25.7120

 37.9700, 9.8530,

25.1890

■ 17.3180, 8.7530,
23.0970

■ 5.3560, -3.5780,
9.7820

■ 218.2850, 13.5200,
30.3200

■ 218.2850, 13.5200,
30.3200

■ 202.4250, 19.4780,
43.4940

■ 233.5580, 7.8370,
17.6690

■ 187.1520, 25.1610,
56.1450

■ 249.4180, 1.8790,
4.4950

■ 171.2920, 31.1190,
69.3190

■ 255.0000, -0.0000,
-0.0000

■ 156.0190, 36.8020,
81.9700

■ 140.1590, 42.7600,
95.1440

■ 124.5870, 47.8470,
107.5830

■ 108.7270, 53.8050,
120.7570

■ 99.0360, 57.6090,
128.9130

Harmonies

Analogous

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



212.4720, -15.4080, 14.9280



218.2850, 13.5200, 30.3200



211.9090, 29.0180, 24.7780

Triad

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



218.2850, 13.5200, 30.3200



211.7670, 42.5960, -12.0600



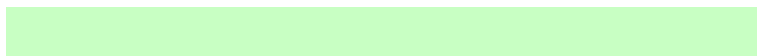
193.3300, -80.9190, -25.8070

Complementary

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



218.2850, 13.5200, 30.3200



231.7150, -13.5200, -30.3200

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.



198.0110, -52.4000, -30.5440



218.2850, 13.5200, 30.3200



207.9160, 16.8310, -24.2010

Square

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



218.2850, 13.5200, 30.3200



210.0100, 46.7660, 0.4780



203.2740, -16.5920, -29.7120



195.2090, -78.7200, -16.0960

Rectangle

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



218.2850, 13.5200, 30.3200



208.7000, 36.6760, 18.1480



203.2740, -16.5920, -29.7120



194.1690, -73.2160, -27.7440

Sweetspot

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



218.2850, 13.5200, 30.3200



244.1350, 4.3540, 9.2020



204.7750, -20.6350, 16.0450



121.2440, 2.4290, 5.5410



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.



218.2850, 13.5200, 30.3200



211.5290, 15.9490, 35.8610



216.9300, 24.5250, 23.6050



119.7710, 2.3830, 6.3750



74.0990, 42.9890, 96.5010



24.6380, 14.0240, 32.2000

Inverse Universe

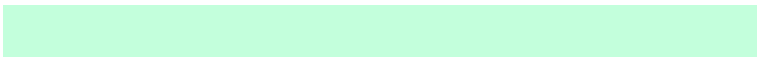
The Inverse Universe completely reimagines the original color for something new.



213.5100, 34.1550, 14.2750



205.7990, 40.7110, 16.6070



233.0700, -24.5250, -23.6050



119.0010, 7.4270, 3.0670



58.9330, 108.7000, 45.4680



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 218.2850, 13.5200, 30.3200 looks on a white background.

Color Contrast Check

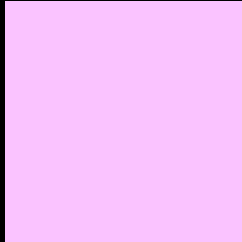
Large Text (above 18pt) WCAG AA × Fail

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 218.2850, 13.5200, 30.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

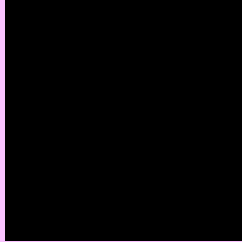
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.2850, 13.5200, 30.3200

Background



This preview shows how black text looks on a background with the YIQ color 218.2850, 13.5200, 30.3200.



This preview shows how white text looks on a background with the YIQ color 218.2850, 13.5200,

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

218.2850, 13.5200, 30.3200

Protanopia

214.2110, -19.1670, 11.4650

Deuteranopia

215.1090, -9.9520, 15.1680



Tritanopia

216.6810, 20.4920, 14.0920

Trichromacy



Original Color

218.2850, 13.5200, 30.3200



Protanomaly

215.7720, -7.3850, 18.2070



Deuteranomaly

216.1750, -1.1500, 20.8500



Tritanomaly

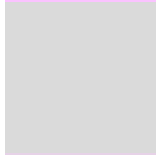
217.0000, 18.3360, 20.1280

Monochromacy



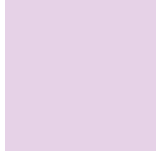
Original Color

218.2850, 13.5200, 30.3200



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

218.3740, 5.1790, 10.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2850, 13.5200, 30.3200 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(250, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 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(250, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 255) }
```

Border

The CSS property to change the border of an element to YIQ 218.2850, 13.5200, 30.3200 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(250, 195, 255) }
```


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

```
.border{ border-color:rgb(250, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2850, 13.5200, 30.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 255) }
```

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

```
.background{ background-color: rgb(250,  
195, 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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