

Converting Colors

YIQ(211.9210, 20.7170, 37.5570)

Have a look what the booklet for
YIQ(211.9210, 20.7170, 37.5570)
contains.

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Color

**YIQ(211.9210, 20.7170,
37.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6FD
RGB	255, 182, 253
RGB Percent	100%, 71%, 99%
CMY	0.0000, 0.2864, 0.0078
CMYK	0.00, 0.29, 0.01, 0.00
HSL	302°, 100%, 86%
HSV	302°, 29%, 100%
XYZ	75.6924, 61.7957, 100.8726
YIQ	211.9210, 20.7170, 37.5570

Conversions

Conversions Part 2

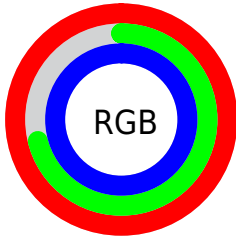
Format	Color
R _Y B	255, 182, 253
Decimal	16758525
CIE Lab	82.80, 37.57, -24.62
CIE LCh	83, 44.919, 326.768
Yxy	61.7957, 0.3176, 0.2593
Android (android.graphics.Color)	4294948605 (0xFFFFB6FD)
YUV	211.9210, 20.2519, 37.7803
Hunter-Lab	78.6102, 34.3066, -21.0537

Details

The YIQ color **211.9210, 20.7170, 37.5570** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **225.0790, -20.7170, -37.5570**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.6080, 4.4000, 8.3680**, and **156.3830, 19.2960, 35.7760** is the 20% darker color. If you saturate the color by 10%, you get **196.5450, 28.1880, 50.8440**, and if you desaturate by 10%, it is **226.7100, 13.5210, 24.7930**.

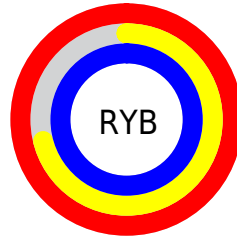
Distribution



Red (100%)

Green (71%)

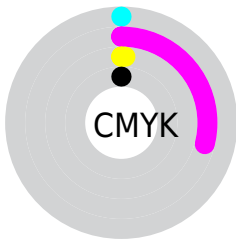
Blue (99%)



Red (100%)

Yellow (71%)

Blue (99%)

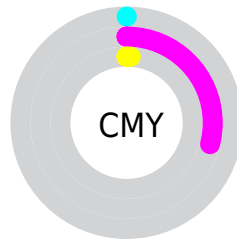


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9210, 20.7170, 37.5570 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 211.9210, 20.7170, 37.5570 by changing the saturation by 10% instead.

211.9210, 20.7170,
37.5570

211.9210, 20.7170,
37.5570

255.0000, -0.0000,
-0.0000

184.0950, 20.1670,
36.5110

245.6080, 4.4000,
8.3680

156.3830, 19.2960,
35.7760

129.6710, 18.4250,
35.0410

103.8450, 17.8750,
33.9950

78.5460, 17.2790,
33.7830

53.2470, 16.6830,
33.5710

27.1870, 16.9120,

34.9280

■ 17.9870, 11.1830,
23.1110

■ 3.6330, -5.9160,
8.1000

■ 211.9210, 20.7170,
37.5570

■ 211.9210, 20.7170,
37.5570

■ 196.5450, 28.1880,
50.8440

■ 226.7100, 13.5210,
24.7930

■ 181.8700, 35.0630,
63.9190

■ 241.9720, 6.3710,
11.1950

■ 166.4940, 42.5340,
77.2060

255.0000, -0.0000,
-0.0000

■ 151.7050, 49.7300,
89.9700

■ 136.4430, 56.8800,
103.5680

■ 121.6540, 64.0760,
116.3320

■ 106.2780, 71.5470,
129.6190

■ 104.5170, 72.3720,
131.1880

Harmonies

Analogous

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



205.7050, -14.4460, 19.5220



211.9210, 20.7170, 37.5570



201.9640, 36.3530, 29.5130

Triad

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



211.9210, 20.7170, 37.5570



203.5300, 47.4570, -17.5590



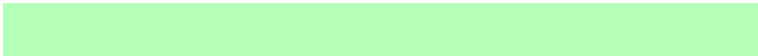
161.5380, -140.7030, -43.6710

Complementary

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



211.9210, 20.7170, 37.5570



225.0790, -20.7170, -37.5570

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.



182.3500, -75.6440, -38.8120



211.9210, 20.7170, 37.5570



199.2160, 15.6860, -30.9860

Square

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



211.9210, 20.7170, 37.5570



201.6320, 56.5780, -1.1340



192.8550, -25.8980, -37.2740



174.3340, -113.1050, -26.2010

Rectangle

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



211.9210, 20.7170, 37.5570



199.3590, 45.0660, 20.2820



192.8550, -25.8980, -37.2740



170.3960, -116.8160, -41.5520

Sweetspot

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



211.9210, 20.7170, 37.5570



241.3850, 6.6460, 11.7180



190.6210, -22.8370, 22.9150



119.0810, 4.4460, 7.5340



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.



211.9210, 20.7170, 37.5570



203.7030, 24.5670, 44.8790



207.8170, 32.2730, 26.3610



120.2550, 3.8960, 6.4880



78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Inverse Universe

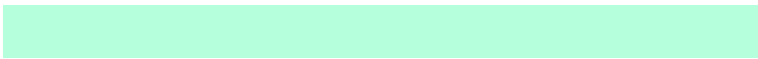
The Inverse Universe completely reimagines the original color for something new.



211.9210, 20.7170, 37.5570



203.7030, 24.5670, 44.8790



229.1830, -32.2730, -26.3610



120.2550, 3.8960, 6.4880



78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 211.9210, 20.7170, 37.5570 looks on a white background.

Color Contrast Check

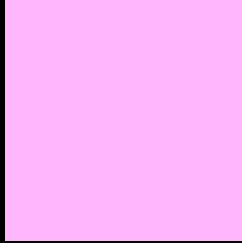
Large Text (above 18pt) WCAG AA × Fail

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 211.9210, 20.7170, 37.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

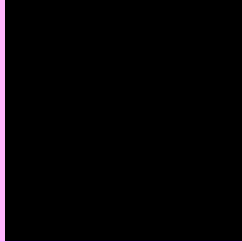
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.9210, 20.7170, 37.5570

Background



This preview shows how black text looks on a background with the YIQ color 211.9210, 20.7170, 37.5570.



This preview shows how white text looks on a background with the YIQ color 211.9210, 20.7170,

37.5570.

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

211.9210, 20.7170, 37.5570

Protanopia

207.4110, -22.6060, 13.2180

Deuteranopia

208.2550, -13.2990, 15.2530



Tritanopia

210.0520, 29.7530, 16.9610

Trichromacy



Original Color

211.9210, 20.7170, 37.5570



Protanomaly

209.1790, -6.9730, 21.7550



Deuteranomaly

209.6420, -0.9670, 23.0410



Tritanomaly

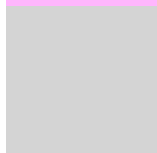
210.8270, 26.3130, 24.2410

Monochromacy



Original Color

211.9210, 20.7170, 37.5570



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.0370, 7.7460, 13.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9210, 20.7170, 37.5570 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, 182, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 253)  
}
```

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, 182, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 253) }
```

Border

The CSS property to change the border of an element to YIQ 211.9210, 20.7170, 37.5570 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, 182, 253) }
```


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

```
.border{ border-color:rgb(255, 182, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9210, 20.7170, 37.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 253) }
```

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

```
.background{ background-color: rgb(255,  
182, 253) }
```

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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