

Converting Colors

YIQ(210.0800, 24.5230, 34.6590)

Have a look what the booklet for
YIQ(210.0800, 24.5230, 34.6590)
contains.

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Color

**YIQ(210.0800, 24.5230,
34.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F2
RGB	255, 181, 242
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2903, 0.0509
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 100%, 85%
HSV	311°, 29%, 100%
XYZ	73.7865, 60.7067, 91.8431
YIQ	210.0800, 24.5230, 34.6590

Conversions

Conversions Part 2

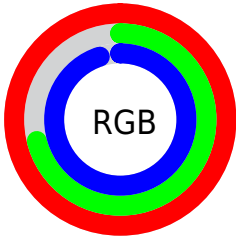
Format	Color
R _Y B	255, 181, 242
Decimal	16758258
CIE Lab	82.22, 36.17, -19.62
CIE LCh	82, 41.147, 331.517
Yxy	60.7067, 0.3260, 0.2682
Android (android.graphics.Color)	4294948338 (0xFFFFB5F2)
YUV	210.0800, 15.7366, 39.3948
Hunter-Lab	77.9145, 32.6924, -15.3489

Details

The YIQ color **210.0800, 24.5230, 34.6590** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **225.9200, -24.5230, -34.6590**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.6750, 8.8910**, and **154.6560, 22.7810, 33.1890** is the 20% darker color. If you saturate the color by 10%, you get **194.3620, 32.9570, 47.0130**, and if you desaturate by 10%, it is **225.2110, 16.3640, 22.8280**.

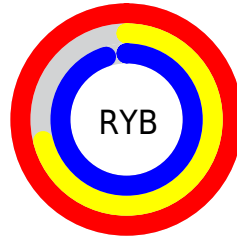
Distribution



Red (100%)

Green (71%)

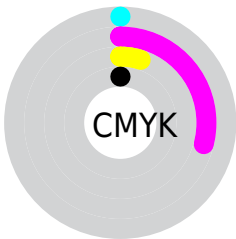
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

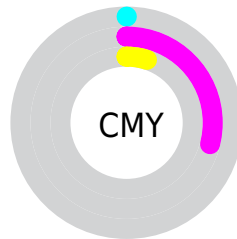


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.0800, 24.5230, 34.6590 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 210.0800, 24.5230, 34.6590 by changing the saturation by 10% instead.


 210.0800, 24.5230,
34.6590


 210.0800, 24.5230,
34.6590


255.0000, -0.0000,
-0.0000


 182.3680, 23.6520,
33.9240


 245.0210, 4.6750,
8.8910

 154.6560, 22.7810,
33.1890

 127.9440, 21.9100,
32.4540

 102.2320, 21.0390,
31.7190

 77.4060, 20.4890,
30.6730

 52.2210, 19.5720,
30.7720

 26.2750, 19.4800,

32.4400

■ 17.1890, 13.4300,
20.9340

■ 1.7100, -4.8150,
4.6650

■ 210.0800, 24.5230,
34.6590

■ 210.0800, 24.5230,
34.6590

■ 194.3620, 32.9570,
47.0130

■ 225.2110, 16.3640,
22.8280

■ 179.1170, 41.4370,
58.5330

■ 241.0430, 7.6090,
10.7850

■ 163.3990, 49.8710,
70.8870

255.0000, -0.0000,
-0.0000

■ 148.1540, 58.3510,
82.4070

■ 132.4360, 66.7850,
94.7610

■ 117.1910, 75.2650,
106.2810

■ 101.4730, 83.6990,
118.6350

■ 100.1850, 84.5700,
119.3700

Harmonies

Analogous

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



206.3360, -8.8530, 22.7870



210.0800, 24.5230, 34.6590



202.2260, 38.3710, 25.9790

Triad

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



210.0800, 24.5230, 34.6590



201.8110, 39.2960, -18.3360



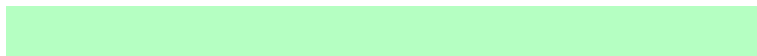
175.4500, -107.7400, -29.8200

Complementary

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



210.0800, 24.5230, 34.6590



225.9200, -24.5230, -34.6590

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.



182.9530, -72.8480, -34.4160



210.0800, 24.5230, 34.6590



197.4480, 9.2210, -29.4590

Square

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



210.0800, 24.5230, 34.6590



202.9200, 55.7070, -1.8690



191.6960, -29.7040, -34.3760



183.6470, -88.7610, -15.8410

Rectangle

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



210.0800, 24.5230, 34.6590



199.8490, 46.4420, 17.3700



191.6960, -29.7040, -34.3760



176.9470, -99.0740, -32.6900

Sweetspot

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



210.0800, 24.5230, 34.6590



241.0430, 7.6090, 10.7850



193.0240, -16.6020, 25.5580



118.8530, 5.0880, 6.9120



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.



210.0800, 24.5230, 34.6590



200.9330, 29.6110, 41.5710



205.9760, 36.0790, 23.4630



120.0270, 4.5380, 5.8660



75.1210, 63.1180, 89.6300



25.1780, 21.1310, 30.0510

Inverse Universe

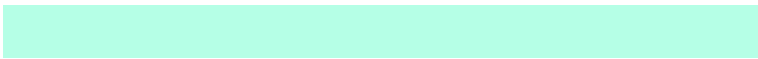
The Inverse Universe completely reimagines the original color for something new.



210.0800, 24.5230, 34.6590



200.9330, 29.6110, 41.5710



230.0240, -36.0790, -23.4630



120.0270, 4.5380, 5.8660



75.1210, 63.1180, 89.6300



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 210.0800, 24.5230, 34.6590 looks on a white background.

Color Contrast Check

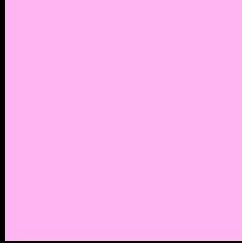
Large Text (above 18pt) WCAG AA × Fail

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 210.0800, 24.5230, 34.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

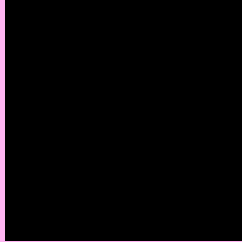
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.0800, 24.5230, 34.6590

Background



This preview shows how black text looks on a background with the YIQ color 210.0800, 24.5230, 34.6590.



This preview shows how white text looks on a background with the YIQ color 210.0800, 24.5230,

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

210.0800, 24.5230, 34.6590

Protanopia

205.6390, -23.2480, 13.8400

Deuteranopia

207.0230, -6.8340, 13.7260



Tritanopia

208.2480, 32.1370, 17.8090

Trichromacy



Original Color

210.0800, 24.5230, 34.6590



Protanomaly

207.2500, -5.7350, 21.3450



Deuteranomaly

208.1110, 4.9020, 21.3020



Tritanomaly

208.6810, 29.6600, 24.1560

Monochromacy



Original Color

210.0800, 24.5230, 34.6590



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.6950, 8.7090, 12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.0800, 24.5230, 34.6590 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, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 242)  
}
```

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, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 242) }
```

Border

The CSS property to change the border of an element to YIQ 210.0800, 24.5230, 34.6590 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, 181, 242) }
```


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

```
.border{ border-color:rgb(255, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 210.0800, 24.5230, 34.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 242) }
```

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

```
.background{ background-color: rgb(255,  
181, 242) }
```

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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