

Converting Colors

YIQ(215.2320, 21.0390, 31.7190)

Have a look what the booklet for
YIQ(215.2320, 21.0390, 31.7190)
contains.

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Color

**YIQ(215.2320, 21.0390,
31.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF6
RGB	255, 189, 246
RGB Percent	100%, 74%, 96%
CMY	0.0000, 0.2589, 0.0353
CMYK	0.00, 0.26, 0.04, 0.00
HSL	308°, 100%, 87%
HSV	308°, 26%, 100%
XYZ	76.0678, 64.2978, 95.5984
YIQ	215.2320, 21.0390, 31.7190

Conversions

Conversions Part 2

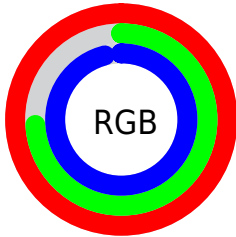
Format	Color
R _Y B	255, 189, 246
Decimal	16760310
CIE Lab	84.12, 32.67, -18.89
CIE LCh	84, 37.734, 329.961
Yxy	64.2978, 0.3224, 0.2725
Android (android.graphics.Color)	4294950390 (0xFFFFBDF6)
YUV	215.2320, 15.1686, 34.8765
Hunter-Lab	80.1859, 29.0074, -14.5560

Details

The YIQ color $215.2320, 21.0390, 31.7190$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.7680, -21.0390, -31.7190$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $160.1070, 19.8930, 30.4610$ is the 20% darker color. If you saturate the color by 10%, you get $199.6280, 29.1520, 44.3840$, and if you desaturate by 10%, it is $230.2490, 13.2010, 19.5770$.

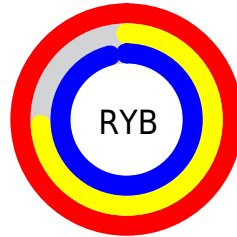
Distribution



Red (100%)

Green (74%)

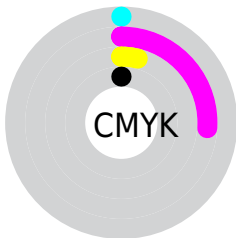
Blue (96%)



Red (100%)

Yellow (74%)

Blue (96%)

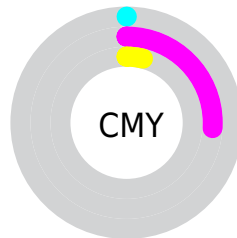


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.2320, 21.0390, 31.7190 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 215.2320, 21.0390, 31.7190 by changing the saturation by 10% instead.


 215.2320, 21.0390,
31.7190


 215.2320, 21.0390,
31.7190


255.0000, -0.0000,
-0.0000


 187.4060, 20.4890,
30.6730


 249.7170, 2.4750,
4.7070

 160.1070, 19.8930,
30.4610

 133.3950, 19.0220,
29.7260

 107.5690, 18.4720,
28.6800

 82.5580, 17.0050,
27.7330

 58.1450, 16.7300,
27.2100

 33.3730, 16.0880,

27.8320

■ 17.5310, 12.4670,
21.8670

■ 4.8570, -0.7350,
7.8170

■ 215.2320, 21.0390,
31.7190

■ 215.2320, 21.0390,
31.7190

■ 199.6280, 29.1520,
44.3840

■ 230.2490, 13.2010,
19.5770

■ 184.4970, 37.3110,
56.2150

■ 245.9670, 4.7670,
7.2230

■ 168.8930, 45.4240,
68.8800

255.0000, -0.0000,
-0.0000

■ 153.7620, 53.5830,
80.7110

■ 138.1580, 61.6960,
93.3760

■ 123.0270, 69.8550,
105.2070

■ 107.4230, 77.9680,
117.8720

■ 101.3250, 81.3600,
122.4800

Harmonies

Analogous

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



211.0430, -9.5860, 19.5500



215.2320, 21.0390, 31.7190



207.7200, 33.9240, 23.9720

Triad

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



215.2320, 21.0390, 31.7190



207.7940, 37.9660, -16.2580



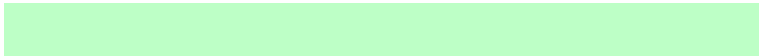
188.2630, -87.9800, -24.4920

Complementary

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



215.2320, 21.0390, 31.7190



228.7680, -21.0390, -31.7190

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.



192.3350, -62.1200, -30.6000



215.2320, 21.0390, 31.7190



203.6270, 10.2750, -26.5330

Square

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



215.2320, 21.0390, 31.7190



207.6960, 50.5260, -1.5860



198.7290, -25.3030, -31.5350



192.8610, -77.6200, -14.0040

Rectangle

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



215.2320, 21.0390, 31.7190



205.5710, 41.3530, 15.9850



198.7290, -25.3030, -31.5350



188.7920, -82.3400, -27.5880

Sweetspot

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



215.2320, 21.0390, 31.7190



242.9180, 6.4630, 9.5270



199.2150, -15.8220, 22.4340



120.1410, 4.2170, 6.1770



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.



215.2320, 21.0390, 31.7190



207.3730, 25.2560, 37.8960



211.4700, 31.6320, 21.4560



120.1410, 4.2170, 6.1770



75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Inverse Universe

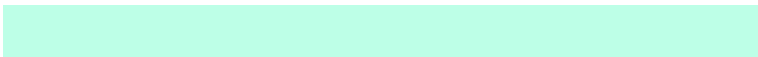
The Inverse Universe completely reimagines the original color for something new.



215.2320, 21.0390, 31.7190



207.3730, 25.2560, 37.8960



232.5300, -31.6320, -21.4560



120.1410, 4.2170, 6.1770



75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 215.2320, 21.0390, 31.7190 looks on a white background.

Color Contrast Check

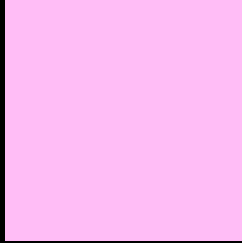
Large Text (above 18pt) WCAG AA × Fail

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 215.2320, 21.0390, 31.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

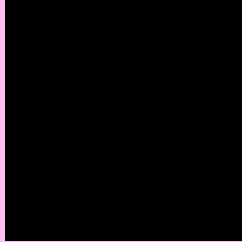
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.2320, 21.0390, 31.7190

Background



This preview shows how black text looks on a background with the YIQ color 215.2320, 21.0390, 31.7190.



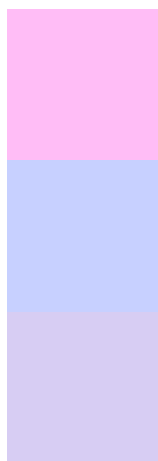
This preview shows how white text looks on a background with the YIQ color 215.2320, 21.0390,

31.7190.

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

215.2320, 21.0390, 31.7190

Protanopia

210.6670, -20.4510, 12.7090

Deuteranopia

212.3220, -6.2380, 13.9380



Tritanopia

213.2690, 27.6440, 16.6360

Trichromacy



Original Color

215.2320, 21.0390, 31.7190



Protanomaly

212.1960, -5.6430, 19.6770



Deuteranomaly

213.3990, 4.0310, 20.5670



Tritanomaly

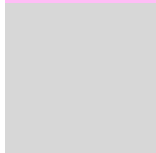
214.1750, 25.2130, 22.1490

Monochromacy



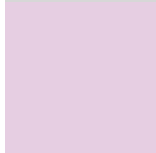
Original Color

215.2320, 21.0390, 31.7190



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2320, 21.0390, 31.7190 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, 189, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 246)  
}
```

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, 189, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 246) }
```

Border

The CSS property to change the border of an element to YIQ 215.2320, 21.0390, 31.7190 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, 189, 246) }
```


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

```
.border{ border-color:rgb(255, 189, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2320, 21.0390, 31.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 246) }
```

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

```
.background{ background-color: rgb(255,  
189, 246) }
```

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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