

Converting Colors

YIQ(210.6170, 18.5170, 33.3730)

Have a look what the booklet for
YIQ(210.6170, 18.5170, 33.3730)
contains.

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Color

**YIQ(210.6170, 18.5170,
33.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B8F7
RGB	249, 184, 247
RGB Percent	98%, 72%, 97%
CMY	0.0233, 0.2785, 0.0313
CMYK	0.00, 0.26, 0.01, 0.02
HSL	302°, 85%, 85%
HSV	302°, 26%, 98%
XYZ	73.0089, 61.1343, 95.9529
YIQ	210.6170, 18.5170, 33.3730

Conversions

Conversions Part 2

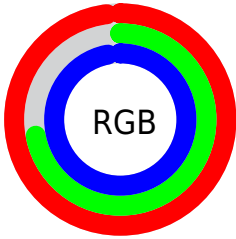
Format	Color
R _Y B	249, 184, 247
Decimal	16365815
CIE Lab	82.45, 33.56, -22.00
CIE LCh	82, 40.127, 326.744
Yxy	61.1343, 0.3173, 0.2657
Android (android.graphics.Color)	4294555895 (0xFFFF9B8F7)
YUV	210.6170, 17.9368, 33.6619
Hunter-Lab	78.1884, 29.8456, -18.0288

Details

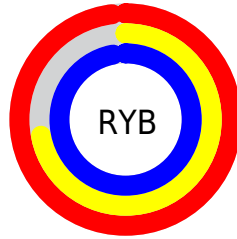
The YIQ color **210.6170, 18.5170, 33.3730** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **222.3830, -18.5170, -33.3730**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 3.8500, 7.3220**, and **155.4920, 17.3710, 32.1150** is the 20% darker color. If you saturate the color by 10%, you get **195.8280, 25.7130, 46.1370**, and if you desaturate by 10%, it is **225.4060, 11.3210, 20.6090**.

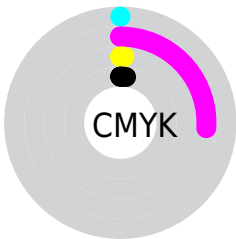
Distribution



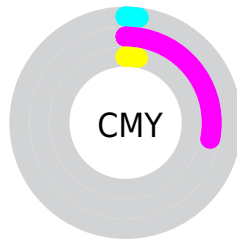
- Red (98%)
- Green (72%)
- Blue (97%)



- Red (98%)
- Yellow (72%)
- Blue (97%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.6170, 18.5170, 33.3730 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 210.6170, 18.5170, 33.3730 by changing the saturation by 10% instead.


 210.6170, 18.5170,
33.3730

 210.6170, 18.5170,
33.3730

255.0000, -0.0000,
-0.0000


 182.7910, 17.9670,
32.3270


 246.7820, 3.8500,
7.3220

 155.4920, 17.3710,
32.1150

 128.6660, 16.8210,
31.0690

 102.9540, 15.9500,
30.3340

 78.1280, 15.4000,
29.2880

 53.8290, 14.8040,
29.0760

 28.3560, 14.7580,

29.9100

■ 16.6340, 10.6790,
21.2310

■ 2.1660, -6.0990,
5.9090

■ 210.6170, 18.5170,
33.3730

■ 210.6170, 18.5170,
33.3730

■ 195.8280, 25.7130,
46.1370

■ 225.4060, 11.3210,
20.6090

■ 181.0390, 32.9090,
58.9010

■ 240.1950, 4.1250,
7.8450

■ 166.3640, 39.7840,
71.9760

■ 252.5220, -1.6500,
-3.1380

■ 151.5750, 46.9800,
84.7400

■ 252.6360, -1.9710,
-2.8270

136.7860, 54.1760,
97.5040

252.7500, -2.2920,
-2.5160

122.5840, 61.0970,
109.7450

252.8640, -2.6130,
-2.2050

107.9090, 67.9720,
122.8200

252.9780, -2.9340,
-1.8940

101.9250, 71.0430,
127.7390

253.0920, -3.2550,
-1.5830

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



210.6170, 18.5170, 33.3730



204.1980, 35.5740, 27.1100

Triad

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



210.6170, 18.5170, 33.3730



202.7730, 42.4590, -15.0850



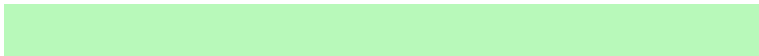
179.2400, -98.3410, -29.4530

Complementary

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



210.6170, 18.5170, 33.3730



222.3830, -18.5170, -33.3730

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.



186.2700, -63.4950, -33.2150



210.6170, 18.5170, 33.3730



199.2530, 14.2640, -27.2400

Square

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



210.6170, 18.5170, 33.3730



202.9030, 54.3770, 0.2090



193.7570, -22.5060, -32.6660



184.2230, -90.5030, -17.3110

Rectangle

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



210.6170, 18.5170, 33.3730



201.2340, 43.9200, 19.0240



193.7570, -22.5060, -32.6660



181.1500, -89.4000, -31.8000

Sweetspot

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



210.6170, 18.5170, 33.3730



243.1460, 5.8210, 10.1490



191.7090, -20.2690, 20.4270



120.2550, 3.8960, 6.4880



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.



210.6170, 18.5170, 33.3730



208.3990, 22.3670, 40.6950



206.9690, 28.7890, 23.4210



117.3690, 3.5750, 6.7990



77.3730, 53.9010, 96.9810



24.9650, 17.4170, 31.2810

Inverse Universe

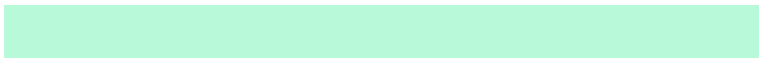
The Inverse Universe completely reimagines the original color for something new.



210.6170, 18.5170, 33.3730



208.3990, 22.3670, 40.6950



226.0310, -28.7890, -23.4210



117.3690, 3.5750, 6.7990



77.3730, 53.9010, 96.9810



24.9650, 17.4170, 31.2810

Previews

White Background



This preview shows how the YIQ color 210.6170, 18.5170, 33.3730 looks on a white background.

Color Contrast Check

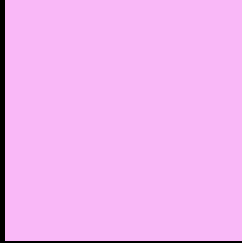
Large Text (above 18pt) WCAG AA × Fail

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 210.6170, 18.5170, 33.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

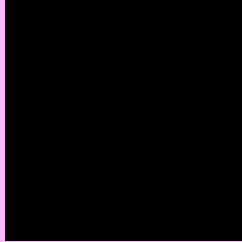
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.6170, 18.5170, 33.3730

Background



This preview shows how black text looks on a background with the YIQ color 210.6170, 18.5170, 33.3730.



This preview shows how white text looks on a background with the YIQ color 210.6170, 18.5170,

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

210.6170, 18.5170, 33.3730

Protanopia

206.5250, -22.9270, 13.5290

Deuteranopia

207.6960, -10.2270, 14.6450



Tritanopia

208.8450, 25.9020, 15.1660

Trichromacy



Original Color

210.6170, 18.5170, 33.3730



Protanomaly

208.0540, -8.1190, 20.4970



Deuteranomaly

208.7730, 0.0420, 21.2740



Tritanomaly

209.3920, 23.1040, 21.8240

Monochromacy



Original Color

210.6170, 18.5170, 33.3730



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.7980, 6.9210, 12.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.6170, 18.5170, 33.3730 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(249, 184, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 184, 247)  
}
```

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(249, 184, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 184, 247) }
```

Border

The CSS property to change the border of an element to YIQ 210.6170, 18.5170, 33.3730 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(249, 184, 247) }
```


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

```
.border{ border-color:rgb(249, 184, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 184, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 184, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 184, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 184,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 210.6170, 18.5170, 33.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 184, 247) }
```

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

```
.background{ background-color: rgb(249,  
184, 247) }
```

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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