

# Converting Colors

YIQ(218.3770, 18.2920, 9.9080)

Have a look what the booklet for  
YIQ(218.3770, 18.2920, 9.9080)  
contains.

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# Color

**YIQ(218.3770, 18.2920,  
9.9080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2CFD7
RGB	242, 207, 215
RGB Percent	95%, 81%, 84%
CMY	0.0509, 0.1883, 0.1568
CMYK	0.00, 0.14, 0.11, 0.05
HSL	346°, 57%, 88%
HSV	346°, 14%, 95%
XYZ	71.2029, 68.4069, 73.7524
YIQ	218.3770, 18.2920, 9.9080

# Conversions

## Conversions Part 2

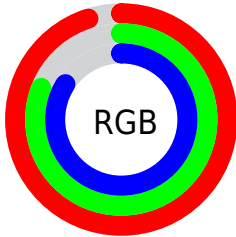
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 207, 215
Decimal	15912919
CIE <sub>Lab</sub>	86.21, 13.55, 0.58
CIE <sub>LCh</sub>	86, 13.559, 2.445
Yxy	68.4069, 0.3337, 0.3206
Android (android.graphics.Color)	4294102999 (0xFFFF2CFD7)
YUV	218.3770, -1.6649, 20.7174
Hunter-Lab	82.7085, 8.9289, 5.0261

# Details

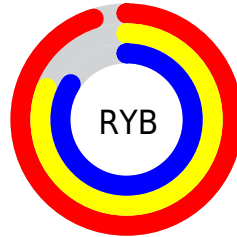
The YIQ color  $218.3770, 18.2920, 9.9080$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $230.6230, -18.2920, -9.9080$ , and the grayscale version is  $218.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $163.6650, 17.4210, 9.1730$  is the 20% darker color. If you saturate the color by 10%, you get  $202.1230, 30.9910, 16.5510$ , and if you desaturate by 10%, it is  $234.6310, 5.5930, 3.2650$ .

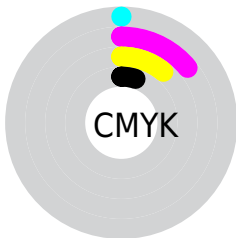
# Distribution



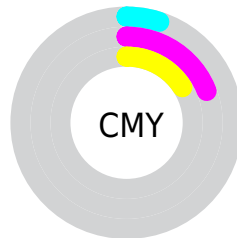
- Red (95%)
- Green (81%)
- Blue (84%)



- Red (95%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.3770, 18.2920, 9.9080 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 218.3770, 18.2920, 9.9080 by changing the saturation by 10% instead.



218.3770, 18.2920,  
9.9080

218.3770, 18.2920,  
9.9080

255.0000, -0.0000,  
-0.0000

190.0780, 17.6960,  
9.6960

163.6650, 17.4210,  
9.1730

137.3660, 16.8250,  
8.9610

111.7680, 15.6330,  
8.5370

86.8820, 15.3120,  
8.8480

63.2840, 14.1200,  
8.4240

41.2730, 12.6530,

7.4770

■ 19.9740, 12.0570,  
7.2650

■ 0.0000, 0.0000,  
0.0000

■ 218.3770, 18.2920,  
9.9080

■ 218.3770, 18.2920,  
9.9080

■ 202.1230, 30.9910,  
16.5510

■ 234.6310, 5.5930,  
3.2650

■ 185.9830, 43.3690,  
23.5050

■ 250.7710, -6.7850,  
-3.6890

■ 169.1420, 56.3430,  
30.6710

■ 251.1130, -7.7480,  
-2.7560

■ 152.8880, 69.0420,  
37.3140

■ 136.7480, 81.4200,  
44.2680

■ 120.4940, 94.1190,  
50.9110

■ 104.2400,  
106.8180, 57.5540

■ 87.5130, 119.4710,  
65.0310

■ 78.6280, 126.5770,  
68.4090

# Harmonies

## Analogous

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



218.6410, 8.8010, 11.2090



218.3770, 18.2920, 9.9080



217.7810, 22.7860, 5.5540

# Triad

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



218.3770, 18.2920, 9.9080



213.7580, 3.2570, -9.4710



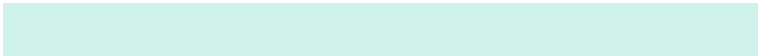
213.0820, -23.6580, -0.7620

# Complementary

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



218.3770, 18.2920, 9.9080



230.6230, -18.2920, -9.9080

# 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.



211.7240, -25.7660, -6.6140



218.3770, 18.2920, 9.9080



212.0600, -9.3970, -11.4210

# Square

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



218.3770, 18.2920, 9.9080



215.1400, 13.9850, -5.6550



211.1390, -19.8050, -10.0210



214.9630, -15.7730, 5.0190



# Rectangle

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



218.3770, 18.2920, 9.9080



217.3740, 22.3740, 2.0060



211.1390, -19.8050, -10.0210



212.5440, -25.0790, -2.5430

# Sweetspot

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



218.3770, 18.2920, 9.9080



248.2180, 5.3180, 2.7420



219.0630, 4.8570, 16.6090



123.3210, 3.5300, 2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

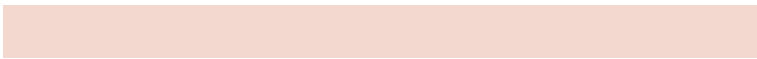
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.3770, 18.2920, 9.9080



225.9970, 22.4180, 12.2260



222.7480, 18.3850, 2.7130



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150



# Inverse Universe

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



218.3770, 18.2920, 9.9080



225.9970, 22.4180, 12.2260



226.2520, -18.3850, -2.7130



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150



# Previews

## White Background



This preview shows how the YIQ color 218.3770, 18.2920, 9.9080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

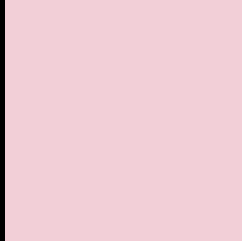
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 218.3770, 18.2920, 9.9080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

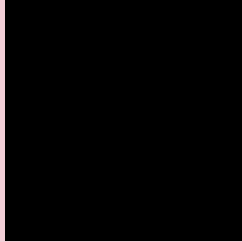
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 218.3770, 18.2920, 9.9080

## Background



This preview shows how black text looks on a background with the YIQ color 218.3770, 18.2920, 9.9080.



This preview shows how white text looks on a background with the YIQ color 218.3770, 18.2920,

9.9080.

# 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

218.3770, 18.2920, 9.9080

### Protanopia

216.6520, 1.1000, 2.0920

### Deuteranopia

218.0560, 14.7620, 7.8020



## Tritanopia

218.8870, 16.9160, 12.8200

# Trichromacy



## Original Color

218.3770, 18.2920, 9.9080

## Protanomaly

217.1690, 7.0140, 5.0460

## Deuteranomaly

218.0670, 16.2290, 8.7490

## Tritanomaly

218.5450, 17.8790, 11.8870

# Monochromacy



## Original Color

218.3770, 18.2920, 9.9080

## Achromatopsia

218.0000, -0.0000, 0.0000

## Achromatomaly

218.2290, 6.7850, 3.6890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.3770, 18.2920, 9.9080 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(242, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 215)  
}
```

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(242, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 218.3770, 18.2920, 9.9080 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(242, 207, 215) }
```



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

```
.border{ border-color:rgb(242, 207, 215) }
```

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

Here you see how a box with a 4 pixel rgb(242, 207, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
215) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.3770, 18.2920, 9.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 215) }
```

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

```
.background{ background-color: rgb(242,  
207, 215) }
```

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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