

# Converting Colors

YIQ(218.7060, 27.3710, 5.0590)

Have a look what the booklet for  
YIQ(218.7060, 27.3710, 5.0590)  
contains.

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# Color

**YIQ(218.7060, 27.3710,  
5.0590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8D0C5
RGB	248, 208, 197
RGB Percent	97%, 82%, 77%
CMY	0.0274, 0.1844, 0.2273
CMYK	0.00, 0.16, 0.21, 0.03
HSL	13°, 79%, 87%
HSV	13°, 21%, 97%
XYZ	71.3526, 69.0967, 62.4176
YIQ	218.7060, 27.3710, 5.0590

# Conversions

## Conversions Part 2

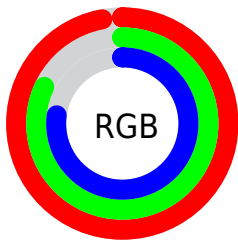
Format	Color
R <sub>Y</sub> B	248, 211, 197
Decimal	16306373
CIE Lab	86.55, 12.39, 10.67
CIE LCh	87, 16.352, 40.741
Yxy	69.0967, 0.3517, 0.3406
Android (android.graphics.Color)	4294496453 (0xFFFF8D0C5)
YUV	218.7060, -10.7011, 25.6908
Hunter-Lab	83.1244, 7.7537, 13.6666

# Details

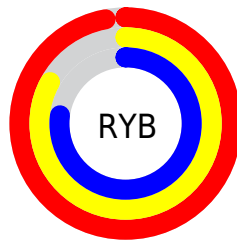
The YIQ color **218.7060, 27.3710, 5.0590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **226.2940, -27.3710, -5.0590**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **254.8860, 0.3210, -0.3110**, and **163.8090, 25.5830, 4.4230** is the 20% darker color. If you saturate the color by 10%, you get **204.7030, 40.6210, 7.2210**, and if you desaturate by 10%, it is **232.7090, 14.1210, 2.8970**.

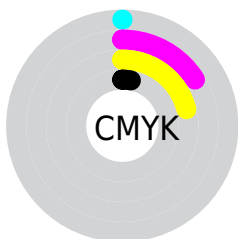
# Distribution



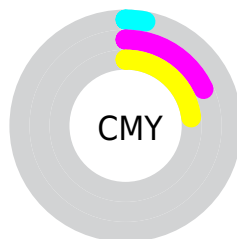
- Red (97%)
- Green (82%)
- Blue (77%)



- Red (97%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.7060, 27.3710, 5.0590 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 218.7060, 27.3710, 5.0590 by changing the saturation by 10% instead.



218.7060, 27.3710,  
5.0590

218.7060, 27.3710,  
5.0590

255.0000, -0.0000,  
-0.0000

190.5210, 26.4540,  
5.1580

254.8860, 0.3210,  
-0.3110

163.8090, 25.5830,  
4.4230

137.6240, 24.6660,  
4.5220

111.4390, 23.7490,  
4.6210

86.8410, 22.5570,  
4.1970

63.3570, 21.0440,  
4.0840

41.1610, 18.6600,

3.2360

■ 19.5910, 20.2650,  
1.6810

■ 0.0000, 0.0000,  
0.0000

■ 218.7060, 27.3710,  
5.0590

■ 218.7060, 27.3710,  
5.0590

■ 204.7030, 40.6210,  
7.2210

■ 232.7090, 14.1210,  
2.8970

■ 190.1130, 54.1460,  
9.9060

■ 247.2990, 0.5960,  
0.2120

■ 176.2240, 67.0750,  
12.3790

■ 252.9070, -4.1720,  
-1.4840

■ 161.6340, 80.6000,  
15.0640

■ 147.6310, 93.8500,  
17.2260

■ 133.0410,  
107.3750, 19.9110

■ 119.0380,  
120.6250, 22.0730

■ 105.2630,  
133.2330, 24.8570

# Harmonies

## Analogous

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



219.4270, 24.0230, 10.6710



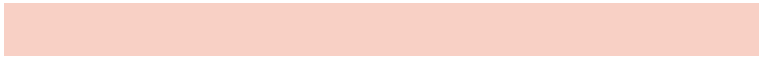
218.7060, 27.3710, 5.0590



217.3370, 23.7960, -1.7400

# Triad

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



218.7060, 27.3710, 5.0590



212.0700, -15.3570, -13.5410



216.8430, -15.3150, 7.7330

# Complementary

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



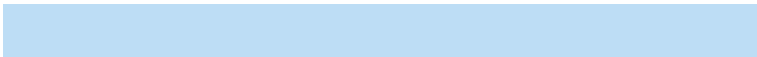
218.7060, 27.3710, 5.0590



226.2940, -27.3710, -5.0590

# 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.



214.1680, -26.7760, 0.6800



218.7060, 27.3710, 5.0590



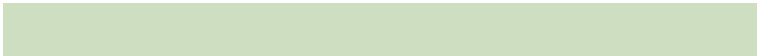
211.1920, -27.3240, -11.4200

# Square

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



218.7060, 27.3710, 5.0590



213.9100, -0.2270, -12.4110



211.6140, -31.2680, -6.0200



219.0900, 0.2270, 12.4110



# Rectangle

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



218.7060, 27.3710, 5.0590



216.4670, 17.3780, -6.5740



211.6140, -31.2680, -6.0200



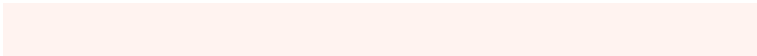
215.9240, -20.0370, 5.2030

# Sweetspot

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



218.7060, 27.3710, 5.0590



246.2460, 8.1150, 1.6110



216.9230, 17.2350, 23.5630



122.2780, 5.0890, 1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

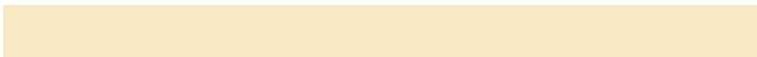
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.7060, 27.3710, 5.0590



218.3540, 34.2940, 6.2460



233.3810, 20.4960, -8.0160



117.6480, 6.9230, 1.1870



80.5780, 101.3690, 18.6250

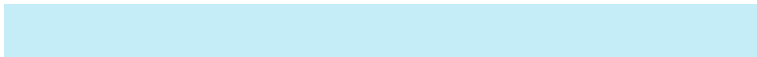


25.8700, 32.7810, 6.1330



# Inverse Universe

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



226.2940, -27.3710, -5.0590



227.6460, -34.2940, -6.2460



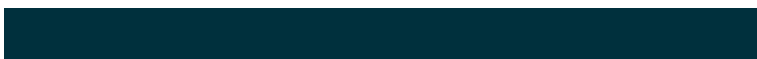
211.6190, -20.4960, 8.0160



119.3520, -6.9230, -1.1870



108.4220, -101.3690, -18.6250

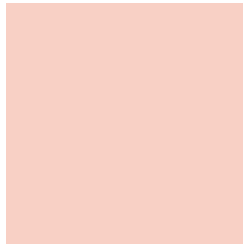


35.1300, -32.7810, -6.1330



# Previews

## White Background



This preview shows how the YIQ color 218.7060, 27.3710, 5.0590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

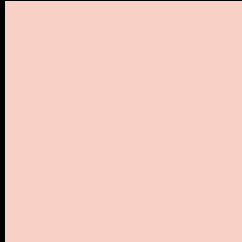
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 218.7060, 27.3710, 5.0590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

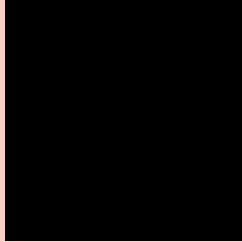
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 218.7060, 27.3710, 5.0590

## Background



This preview shows how black text looks on a background with the YIQ color 218.7060, 27.3710, 5.0590.



This preview shows how white text looks on a background with the YIQ color 218.7060, 27.3710,



# 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

218.7060, 27.3710, 5.0590

### Protanopia

216.6820, 9.5830, -2.9690

### Deuteranopia

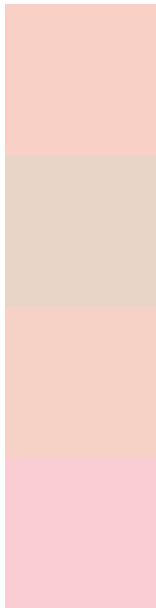
218.3960, 25.3080, 3.9000



## Tritanopia

219.8770, 22.8760, 14.9400

# Trichromacy



## Original Color

218.7060, 27.3710, 5.0590

## Protanomaly

217.4980, 16.0930, 0.1970

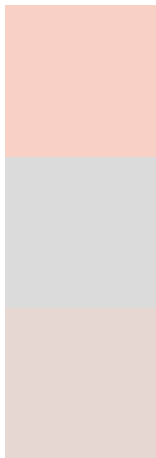
## Deuteranomaly

218.6950, 25.9040, 4.1120

## Tritanomaly

219.2530, 24.5730, 11.7170

# Monochromacy



## Original Color

218.7060, 27.3710, 5.0590

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

219.0290, 10.2240, 1.9360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.7060, 27.3710, 5.0590 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(248, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 197)  
}
```

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(248, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 197) }
```

## Border

The CSS property to change the border of an element to YIQ 218.7060, 27.3710, 5.0590 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(248, 208, 197) }
```



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

```
.border{ border-color:rgb(248, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
197) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.7060, 27.3710, 5.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 197) }
```

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

```
.background{ background-color: rgb(248,  
208, 197) }
```

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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