

# Converting Colors

YIQ(225.0050, 27.9670, 5.2710)

Have a look what the booklet for  
YIQ(225.0050, 27.9670, 5.2710)  
contains.

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# Color

**YIQ(225.0050, 27.9670,  
5.2710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD6CB
RGB	255, 214, 203
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1608, 0.2038
CMYK	0.00, 0.16, 0.20, 0.00
HSL	13°, 100%, 90%
HSV	13°, 20%, 100%
XYZ	76.0653, 73.6576, 66.7272
YIQ	225.0050, 27.9670, 5.2710

# Conversions

## Conversions Part 2

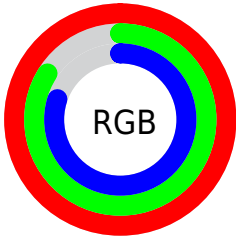
Format	Color
R <sub>Y</sub> B	255, 217, 203
Decimal	16766667
CIE Lab	88.76, 12.66, 10.74
CIE LCh	89, 16.604, 40.307
Yxy	73.6576, 0.3514, 0.3403
Android (android.graphics.Color)	4294956747 (0xFFFFD6CB)
YUV	225.0050, -10.8485, 26.3056
Hunter-Lab	85.8240, 8.0114, 13.9795

# Details

The YIQ color  $225.0050, 27.9670, 5.2710$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $232.9950, -27.9670, -5.2710$ , and the grayscale version is  $225.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $169.5210, 26.4540, 5.1580$  is the 20% darker color. If you saturate the color by 10%, you get  $210.4150, 41.4920, 7.9560$ , and if you desaturate by 10%, it is  $239.7090, 14.1210, 2.8970$ .

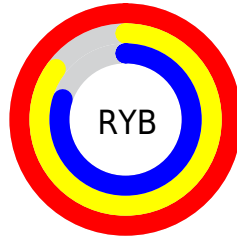
# Distribution



Red (100%)

Green (84%)

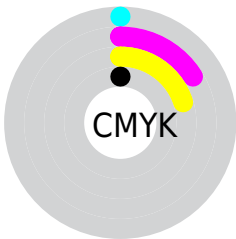
Blue (80%)



Red (100%)

Yellow (85%)

Blue (80%)

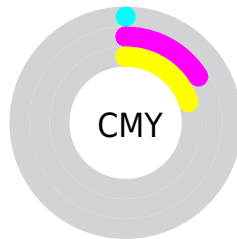


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 225.0050, 27.9670, 5.2710 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 225.0050, 27.9670, 5.2710 by changing the saturation by 10% instead.



225.0050, 27.9670,  
5.2710

225.0050, 27.9670,  
5.2710

255.0000, -0.0000,  
-0.0000

196.8200, 27.0500,  
5.3700

169.5210, 26.4540,  
5.1580

142.9230, 25.2620,  
4.7340

117.3250, 24.0700,  
4.3100

92.1400, 23.1530,  
4.4090

68.6560, 21.6400,  
4.2960

45.8730, 19.5310,

3.9710

■ 24.4060, 19.3480,  
1.7800

■ 5.0830, 10.1320,  
3.6040

■ 225.0050, 27.9670,  
5.2710

■ 225.0050, 27.9670,  
5.2710

■ 210.4150, 41.4920,  
7.9560

■ 239.7090, 14.1210,  
2.8970

■ 195.7110, 55.3380,  
10.3300

■ 254.2990, 0.5960,  
0.2120

■ 181.1210, 68.8630,  
13.0150

■ 255.0000, -0.0000,  
-0.0000

■ 165.8300, 82.9840,  
15.9120

■ 151.2400, 96.5090,  
18.5970

■ 136.5360,  
110.3550, 20.9710

■ 121.9460,  
123.8800, 23.6560

■ 107.9430,  
137.1300, 25.8180

# Harmonies

## Analogous

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



225.5410, 23.7020, 10.9820



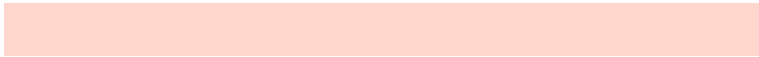
225.0050, 27.9670, 5.2710



223.2230, 24.1170, -2.0510

# Triad

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



225.0050, 27.9670, 5.2710



218.0700, -15.3570, -13.5410



222.9570, -15.6360, 8.0440

# Complementary

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



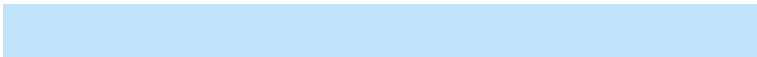
225.0050, 27.9670, 5.2710



232.9950, -27.9670, -5.2710

# 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.



219.9830, -27.6930, 0.7790



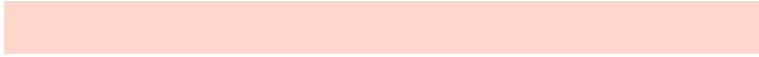
225.0050, 27.9670, 5.2710



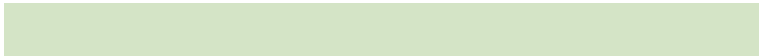
217.1920, -27.3240, -11.4200

# Square

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



225.0050, 27.9670, 5.2710



219.7960, 0.0940, -12.7220



218.0160, -32.4600, -6.4440



225.2040, -0.0940, 12.7220

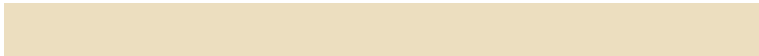


# Rectangle

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



225.0050, 27.9670, 5.2710



222.6520, 18.2950, -6.6730



218.0160, -32.4600, -6.4440



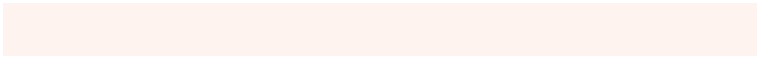
222.0380, -20.3580, 5.5140

# Sweetspot

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



225.0050, 27.9670, 5.2710



246.2460, 8.1150, 1.6110



223.3360, 17.5100, 24.0860



122.2780, 5.0890, 1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

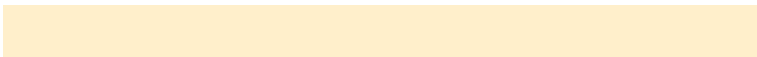
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.0050, 27.9670, 5.2710



219.8700, 32.7810, 6.1330



239.6800, 21.0920, -7.8040



120.0610, 7.1980, 1.7100



80.5890, 102.8360, 19.5720

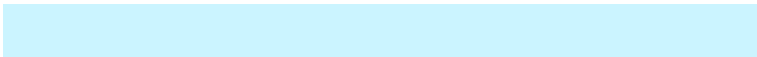


26.7670, 34.5690, 6.7690



# Inverse Universe

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



232.9950, -27.9670, -5.2710



229.1300, -32.7810, -6.1330



218.3200, -21.0920, 7.8040



122.3520, -6.9230, -1.1870



110.4110, -102.8360, -19.5720

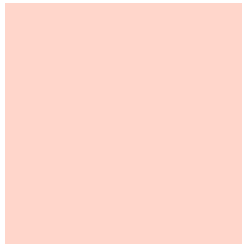


36.6460, -34.2940, -6.2460



# Previews

## White Background



This preview shows how the YIQ color 225.0050, 27.9670, 5.2710 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

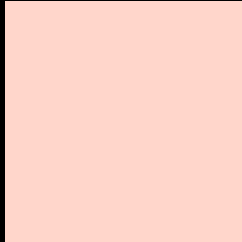
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 225.0050, 27.9670, 5.2710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

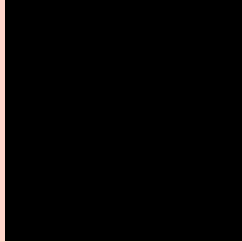
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 225.0050, 27.9670, 5.2710

## Background



This preview shows how black text looks on a background with the YIQ color 225.0050, 27.9670, 5.2710.



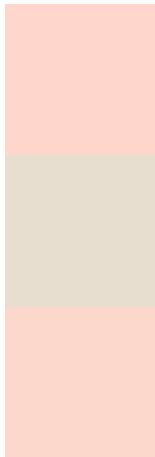
This preview shows how white text looks on a background with the YIQ color 225.0050, 27.9670,

5.2710.

# 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

225.0050, 27.9670, 5.2710

### Protanopia

222.9810, 10.1790, -2.7570

### Deuteranopia

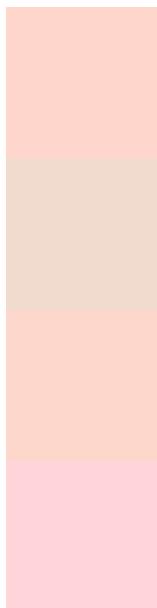
224.6950, 25.9040, 4.1120



## Tritanopia

226.4530, 21.1340, 13.4700

# Trichromacy



## Original Color

225.0050, 27.9670, 5.2710

## Protanomaly

223.7970, 16.6890, 0.4090

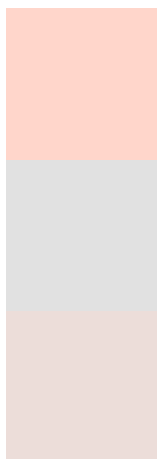
## Deuteranomaly

224.9940, 26.5000, 4.3240

## Tritanomaly

226.1280, 23.4270, 10.4590

# Monochromacy



## Original Color

225.0050, 27.9670, 5.2710

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

225.0290, 10.2240, 1.9360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 225.0050, 27.9670, 5.2710 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, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 203)  
}
```

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, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 203) }
```

## Border

The CSS property to change the border of an element to YIQ 225.0050, 27.9670, 5.2710 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, 214, 203) }
```



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

```
.border{ border-color:rgb(255, 214, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
203) }
```

# Background

The CSS property to change the background color of an element to YIQ 225.0050, 27.9670, 5.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 203) }
```

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

```
.background{ background-color: rgb(255,  
214, 203) }
```

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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