

# Converting Colors

YIQ(218.5250, 20.6310, 6.0630)

Have a look what the booklet for  
YIQ(218.5250, 20.6310, 6.0630)  
contains.

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# Color

**YIQ(218.5250, 20.6310,  
6.0630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2D1CE
RGB	242, 209, 206
RGB Percent	95%, 82%, 81%
CMY	0.0509, 0.1804, 0.1921
CMYK	0.00, 0.14, 0.15, 0.05
HSL	5°, 58%, 88%
HSV	5°, 15%, 95%
XYZ	70.5649, 68.9321, 67.9923
YIQ	218.5250, 20.6310, 6.0630

# Conversions

## Conversions Part 2

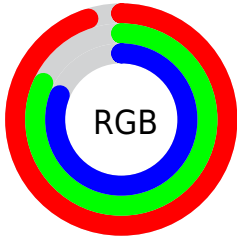
Format	Color
R <sub>Y</sub> B	242, 209, 206
Decimal	15913422
CIE Lab	86.47, 11.06, 5.73
CIE LCh	86, 12.456, 27.365
Yxy	68.9321, 0.3401, 0.3322
Android (android.graphics.Color)	4294103502 (0xFFFF2D1CE)
YUV	218.5250, -6.1748, 20.5876
Hunter-Lab	83.0254, 6.4163, 9.5632

# Details

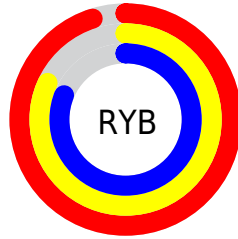
The YIQ color **218.5250, 20.6310, 6.0630** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.4750, -20.6310, -6.0630**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.9270, 19.4390, 5.6390** is the 20% darker color. If you saturate the color by 10%, you get **202.8750, 34.3850, 10.1050**, and if you desaturate by 10%, it is **234.1750, 6.8770, 2.0210**.

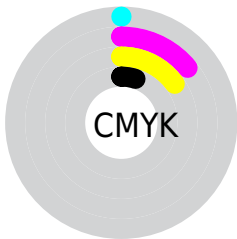
# Distribution



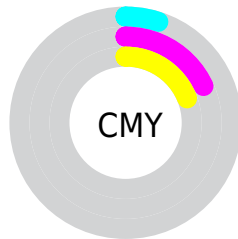
- Red (95%)
- Green (82%)
- Blue (81%)



- Red (95%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.5250, 20.6310, 6.0630 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 218.5250, 20.6310, 6.0630 by changing the saturation by 10% instead.



218.5250, 20.6310,  
6.0630

218.5250, 20.6310,  
6.0630

255.0000, -0.0000,  
-0.0000

190.3400, 19.7140,  
6.1620

163.9270, 19.4390,  
5.6390

137.3290, 18.2470,  
5.2150

111.4430, 17.9260,  
5.5260

86.8450, 16.7340,  
5.1020

63.5460, 16.1380,  
4.8900

41.6490, 14.3500,

4.2540

■ 20.1220, 14.3960,  
3.4200

■ 0.0000, 0.0000,  
0.0000

■ 218.5250, 20.6310,  
6.0630

■ 218.5250, 20.6310,  
6.0630

■ 202.8750, 34.3850,  
10.1050

■ 234.1750, 6.8770,  
2.0210

■ 187.2250, 48.1390,  
14.1470

■ 249.8250, -6.8770,  
-2.0210

■ 170.8740, 62.4890,  
18.4010

■ 251.1130, -7.7480,  
-2.7560

■ 155.2240, 76.2430,  
22.4430

■ 139.5740, 89.9970,  
26.4850

■ 123.9240,  
103.7510, 30.5270

■ 108.2740,  
117.5050, 34.5690

■ 91.9230, 131.8550,  
38.8230

■ 84.0980, 138.7320,  
40.8440

# Harmonies

## Analogous

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



219.2950, 15.5870, 9.3710



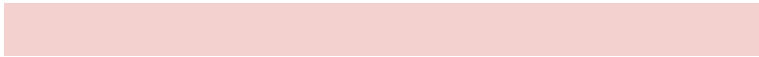
218.5250, 20.6310, 6.0630



217.1780, 19.9900, 1.1580

# Triad

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



218.5250, 20.6310, 6.0630



213.5550, -6.4170, -10.3610



216.0230, -16.0020, 3.6620

# Complementary

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



218.5250, 20.6310, 6.0630



229.4750, -20.6310, -6.0630

# 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.



213.7400, -22.6950, -1.6950



218.5250, 20.6310, 6.0630



212.5200, -16.5040, -9.2720

# Square

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



218.5250, 20.6310, 6.0630



214.7690, 4.7240, -8.5240



212.6920, -22.7400, -6.3880



217.8180, -4.9990, 8.0010



# Rectangle

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



218.5250, 20.6310, 6.0630



216.8030, 16.5520, -2.6160



212.6920, -22.7400, -6.3880



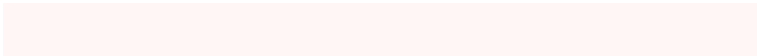
215.0010, -18.9360, 1.7680

# Sweetspot

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



218.5250, 20.6310, 6.0630



248.5770, 5.6850, 1.5970



220.6400, 10.5420, 18.2060



123.6800, 3.8970, 0.9610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

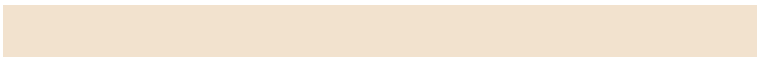
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.5250, 20.6310, 6.0630



225.1020, 26.3160, 7.6600



228.5040, 15.9560, -2.8280



112.1750, 6.8770, 2.0210



63.8210, 105.5390, 31.1630



19.6790, 32.0010, 9.2570



# Inverse Universe

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



229.4750, -20.6310, -6.0630



238.8980, -26.3160, -7.6600



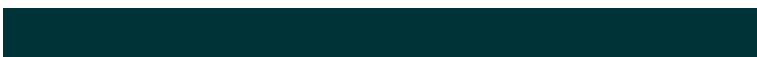
219.4960, -15.9560, 2.8280



115.8250, -6.8770, -2.0210



119.5920, -105.2640, -30.6400



36.3210, -32.0010, -9.2570



# Previews

## White Background



This preview shows how the YIQ color 218.5250, 20.6310, 6.0630 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

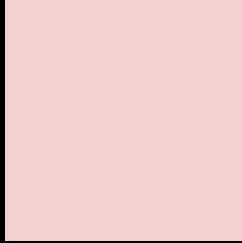
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 218.5250, 20.6310, 6.0630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

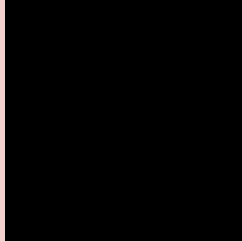
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 218.5250, 20.6310, 6.0630

## Background



This preview shows how black text looks on a background with the YIQ color 218.5250, 20.6310, 6.0630.



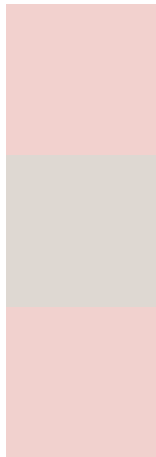
This preview shows how white text looks on a background with the YIQ color 218.5250, 20.6310,



# 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

218.5250, 20.6310, 6.0630

### Protanopia

217.1100, 5.5020, -0.5940

### Deuteranopia

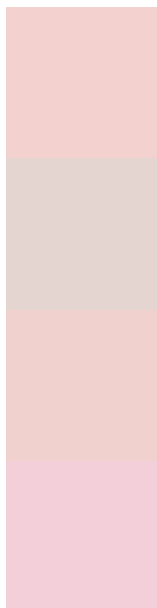
218.2260, 20.0350, 5.8510



## Tritanopia

219.3000, 17.1910, 13.3430

# Trichromacy



## Original Color

218.5250, 20.6310, 6.0630

## Protanomaly

217.3280, 10.8200, 2.1480

## Deuteranomaly

218.2260, 20.0350, 5.8510

## Tritanomaly

218.9040, 18.2460, 10.7420

# Monochromacy



## Original Color

218.5250, 20.6310, 6.0630

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

218.4740, 7.4730, 2.2330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.5250, 20.6310, 6.0630 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, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 206)  
}
```

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, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 206) }
```

## Border

The CSS property to change the border of an element to YIQ 218.5250, 20.6310, 6.0630 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, 209, 206) }
```



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

```
.border{ border-color:rgb(242, 209, 206) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
206) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.5250, 20.6310, 6.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 206) }
```

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

```
.background{ background-color: rgb(242,  
209, 206) }
```

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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