

# Converting Colors

YIQ(217.3150, 30.0300, 6.4300)

Have a look what the booklet for  
YIQ(217.3150, 30.0300, 6.4300)  
contains.

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# Color

**YIQ(217.3150, 30.0300,  
6.4300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FACDC3
RGB	250, 205, 195
RGB Percent	98%, 80%, 76%
CMY	0.0195, 0.1961, 0.2352
CMYK	0.00, 0.18, 0.22, 0.02
HSL	11°, 85%, 87%
HSV	11°, 22%, 98%
XYZ	71.1143, 67.9239, 61.0114
YIQ	217.3150, 30.0300, 6.4300

# Conversions

## Conversions Part 2

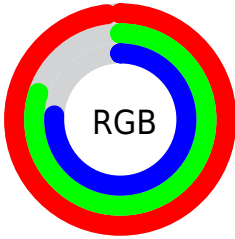
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 207, 195
Decimal	16436675
CIE Lab	85.97, 14.40, 10.92
CIE LCh	86, 18.072, 37.186
Yxy	67.9239, 0.3555, 0.3395
Android (android.graphics.Color)	4294626755 (0xFF FACDC3)
YUV	217.3150, -11.0013, 28.6647
Hunter-Lab	82.4160, 9.7945, 13.7996

# Details

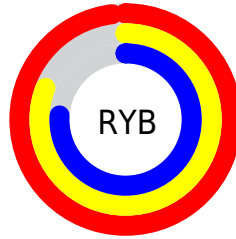
The YIQ color  $217.3150, 30.0300, 6.4300$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $227.6850, -30.0300, -6.4300$ , and the grayscale version is  $217.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.6580, 0.9630, -0.9330$ , and  $162.4180, 28.2420, 5.7940$  is the 20% darker color. If you saturate the color by 10%, you get  $202.7250, 43.5550, 9.1150$ , and if you desaturate by 10%, it is  $231.9050, 16.5050, 3.7450$ .

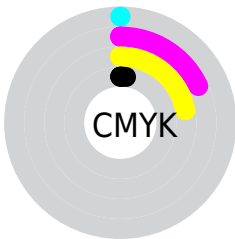
# Distribution



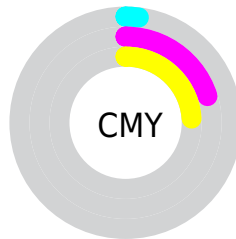
- Red (98%)
- Green (80%)
- Blue (76%)



- Red (98%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3150, 30.0300, 6.4300 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 217.3150, 30.0300, 6.4300 by changing the saturation by 10% instead.



217.3150, 30.0300,  
6.4300

217.3150, 30.0300,  
6.4300

255.0000, -0.0000,  
-0.0000

189.1300, 29.1130,  
6.5290

254.6580, 0.9630,  
-0.9330

162.4180, 28.2420,  
5.7940

135.9340, 26.7290,  
5.6810

110.3360, 25.5370,  
5.2570

85.8520, 24.0240,  
5.1440

62.3680, 22.5110,  
5.0310

39.5850, 20.4020,

4.7060

■ 17.5420, 21.9610,  
3.9850

■ 0.0000, 0.0000,  
0.0000

■ 217.3150, 30.0300,  
6.4300

■ 217.3150, 30.0300,  
6.4300

■ 202.7250, 43.5550,  
9.1150

■ 231.9050, 16.5050,  
3.7450

■ 187.5480, 57.3550,  
12.3230

■ 247.0820, 2.7050,  
0.5370

■ 172.9580, 70.8800,  
15.0080

■ 253.5050, -2.9800,  
-1.0600

■ 157.7810, 84.6800,  
18.2160

■ 143.1910, 98.2050,  
20.9010

■ 128.0140,  
112.0050, 24.1090

■ 113.4240,  
125.5300, 26.7940

■ 101.1650,  
136.6250, 29.4650

# Harmonies

## Analogous

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



217.9650, 25.4440, 12.4520



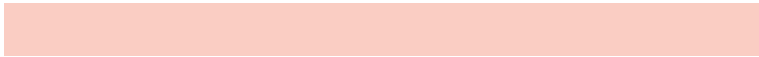
217.3150, 30.0300, 6.4300



215.7180, 27.0970, -0.9910

# Triad

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



217.3150, 30.0300, 6.4300



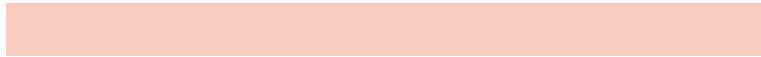
210.0160, -15.2650, -15.2090



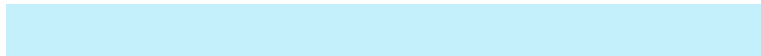
214.6900, -19.2580, 7.6060

# Complementary

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



217.3150, 30.0300, 6.4300



227.6850, -30.0300, -6.4300

# 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.



211.6020, -30.9940, 0.0300



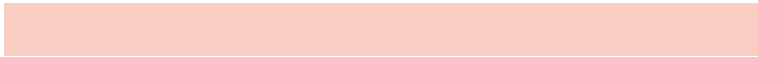
217.3150, 30.0300, 6.4300



208.7680, -29.0660, -12.8900

# Square

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



217.3150, 30.0300, 6.4300



211.7530, 1.6530, -13.4430



209.4070, -35.1190, -7.8150



216.9480, -2.2490, 13.2310



# Rectangle

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



217.3150, 30.0300, 6.4300



214.4350, 20.4040, -6.3480



209.4070, -35.1190, -7.8150



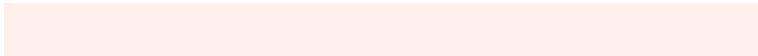
213.7710, -23.9800, 5.0760

# Sweetspot

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



217.3150, 30.0300, 6.4300



244.1430, 9.9030, 2.2470



216.6890, 18.0140, 25.9660



121.4630, 6.0060, 1.2860



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

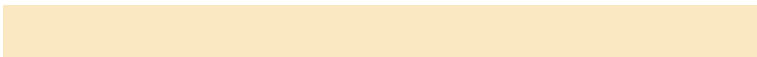
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.3150, 30.0300, 6.4300



215.7780, 36.0360, 7.7160



233.1640, 22.6050, -7.6910



117.6480, 6.9230, 1.1870



76.4690, 103.2940, 22.2860

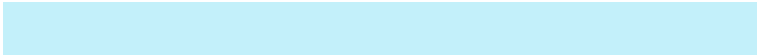


24.6960, 33.3310, 7.1790

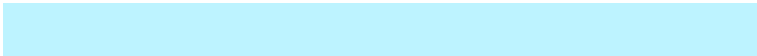


# Inverse Universe

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



227.6850, -30.0300, -6.4300



228.2220, -36.0360, -7.7160



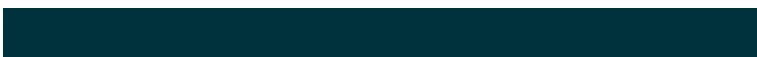
211.8360, -22.6050, 7.6910



119.9390, -7.1980, -1.7100



112.5310, -103.2940, -22.2860

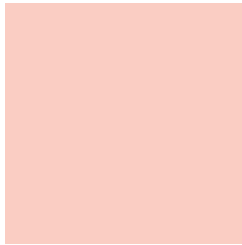


36.3040, -33.3310, -7.1790



# Previews

## White Background



This preview shows how the YIQ color 217.3150, 30.0300, 6.4300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

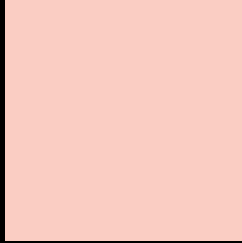
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 217.3150, 30.0300, 6.4300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

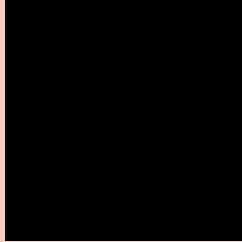
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 217.3150, 30.0300, 6.4300

## Background



This preview shows how black text looks on a background with the YIQ color 217.3150, 30.0300, 6.4300.



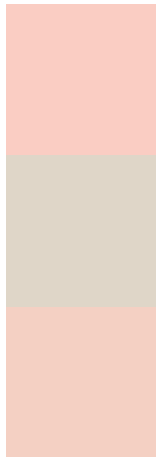
This preview shows how white text looks on a background with the YIQ color 217.3150, 30.0300,

6.4300.

# 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

217.3150, 30.0300, 6.4300

### Protanopia

215.0950, 9.8580, -2.4460

### Deuteranopia

217.2820, 25.6290, 3.5890



## Tritanopia

218.9590, 25.5810, 15.4770

# Trichromacy



## Original Color

217.3150, 30.0300, 6.4300

## Protanomaly

216.0960, 17.2850, 0.6210

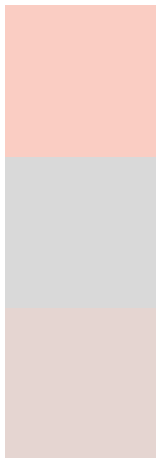
## Deuteranomaly

217.2930, 27.0960, 4.5360

## Tritanomaly

218.3350, 27.2780, 12.2540

# Monochromacy



## Original Color

217.3150, 30.0300, 6.4300

## Achromatopsia

217.0000, -0.0000, 0.0000

## Achromatomaly

217.3280, 10.8200, 2.1480

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 217.3150, 30.0300, 6.4300 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(250, 205, 195)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 195)  
}
```

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(250, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 195) }
```

## Border

The CSS property to change the border of an element to YIQ 217.3150, 30.0300, 6.4300 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(250, 205, 195) }
```



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

```
.border{ border-color:rgb(250, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
195) }
```

# Background

The CSS property to change the background color of an element to YIQ 217.3150, 30.0300, 6.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 195) }
```

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

```
.background{ background-color: rgb(250,  
205, 195) }
```

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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