

# Converting Colors

YIQ(219.2120, 31.8180, 7.0660)

Have a look what the booklet for  
YIQ(219.2120, 31.8180, 7.0660)  
contains.

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# **Color**

**YIQ(219.2120, 31.8180,  
7.0660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FECEC4
RGB	254, 206, 196
RGB Percent	100%, 81%, 77%
CMY	0.0038, 0.1922, 0.2312
CMYK	0.00, 0.19, 0.23, 0.00
HSL	10°, 97%, 88%
HSV	10°, 23%, 100%
XYZ	72.9173, 69.1960, 61.7580
YIQ	219.2120, 31.8180, 7.0660

# Conversions

## Conversions Part 2

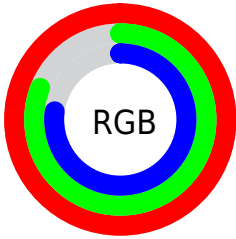
Format	Color
<a href="#">RYB</a>	<a href="#">254, 208, 196</a>
Decimal	<a href="#">16699076</a>
CIELab	<a href="#">86.60, 15.48, 11.34</a>
CIELCh	<a href="#">87, 19.188, 36.243</a>
Yxy	<a href="#">69.1960, 0.3577, 0.3394</a>
Android (android.graphics.Color)	<a href="#">4294889156</a> ( <a href="#">0xFFFECEC4</a> )
YUV	<a href="#">219.2120, -11.4435, 30.5091</a>
Hunter-Lab	<a href="#">83.1841, 10.8967, 14.2105</a>

# Details

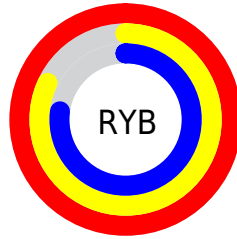
The YIQ color  $219.2120, 31.8180, 7.0660$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $230.7880, -31.8180, -7.0660$ , and the grayscale version is  $219.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.7720, 0.6420, -0.6220$ , and  $164.3150, 30.0300, 6.4300$  is the 20% darker color. If you saturate the color by 10%, you get  $204.0350, 45.6180, 10.2740$ , and if you desaturate by 10%, it is  $234.3890, 18.0180, 3.8580$ .

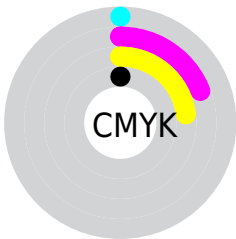
# Distribution



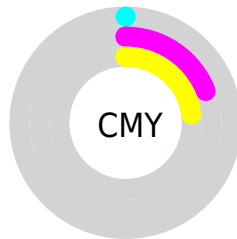
- Red (100%)
- Green (81%)
- Blue (77%)



- Red (100%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 219.2120, 31.8180, 7.0660 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 219.2120, 31.8180, 7.0660 by changing the saturation by 10% instead.




 219.2120, 31.8180,  
7.0660


 219.2120, 31.8180,  
7.0660


255.0000, -0.0000,  
-0.0000


 191.0270, 30.9010,  
7.1650


254.7720, 0.6420,  
-0.6220

 164.3150, 30.0300,  
6.4300

 137.8310, 28.5170,  
6.3170

 112.2330, 27.3250,  
5.8930

 86.8630, 25.4910,  
6.0910

 63.2650, 24.2990,  
5.6670

 41.1830, 21.5940,

5.1300

■ 18.7270, 22.8780,  
3.8860

■ 0.5980, 1.1920,  
0.4240

■ 219.2120, 31.8180,  
7.0660

■ 219.2120, 31.8180,  
7.0660

■ 204.0350, 45.6180,  
10.2740

■ 234.3890, 18.0180,  
3.8580

■ 188.7440, 59.7390,  
13.1710

■ 249.6800, 3.8970,  
0.9610

■ 173.5670, 73.5390,  
16.3790

254.7010, -0.5960,  
-0.2120

■ 158.2760, 87.6600,  
19.2760

■ 143.0990,  
101.4600, 22.4840

■ 127.9220,  
115.2600, 25.6920

■ 112.6310,  
129.3810, 28.5890

■ 101.7740,  
139.2840, 30.8360

# Harmonies

## Analogous

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



220.0900, 26.5900, 13.7100



219.2120, 31.8180, 7.0660



217.7890, 28.3350, -1.4010

# Triad

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



219.2120, 31.8180, 7.0660



211.6030, -15.5400, -15.7320



216.3200, -21.0920, 7.8040

# Complementary

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



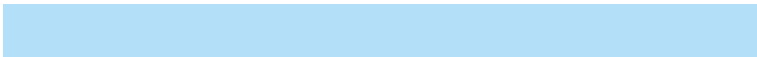
219.2120, 31.8180, 7.0660



230.7880, -31.8180, -7.0660

# 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.



213.1070, -33.9740, -1.0300



219.2120, 31.8180, 7.0660



210.3440, -30.8080, -14.3600

# Square

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



219.2120, 31.8180, 7.0660



213.5250, 2.2950, -14.0650



210.3250, -37.8240, -8.3520



219.1760, -2.8910, 13.8530



# Rectangle

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



219.2120, 31.8180, 7.0660



216.8050, 22.2380, -6.5460



210.3250, -37.8240, -8.3520



215.4010, -25.8140, 5.2740

# Sweetspot

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



219.2120, 31.8180, 7.0660



244.1430, 9.9030, 2.2470



218.8140, 19.1600, 27.2240



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.



219.2120, 31.8180, 7.0660



213.6750, 37.8240, 8.3520



236.2350, 23.8430, -8.1010



120.0610, 7.1980, 1.7100



76.4800, 104.7610, 23.2330

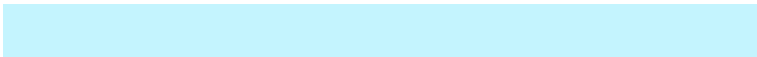


25.5930, 35.1190, 7.8150



# Inverse Universe

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



230.7880, -31.8180, -7.0660



227.3250, -37.8240, -8.3520



213.7650, -23.8430, 8.1010



122.3520, -6.9230, -1.1870



114.5200, -104.7610, -23.2330



38.4070, -35.1190, -7.8150



# Previews

## White Background



This preview shows how the YIQ color 219.2120, 31.8180, 7.0660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

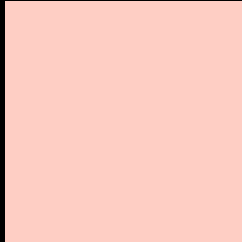
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 219.2120, 31.8180, 7.0660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

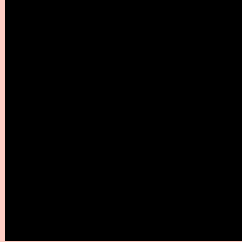
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 219.2120, 31.8180, 7.0660

## Background



This preview shows how black text looks on a background with the YIQ color 219.2120, 31.8180, 7.0660.



This preview shows how white text looks on a background with the YIQ color 219.2120, 31.8180,



# 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

219.2120, 31.8180, 7.0660

### Protanopia

216.9810, 10.1790, -2.7570

### Deuteranopia

218.4670, 26.5460, 3.4900



## Tritanopia

220.2580, 26.1770, 15.6890

# Trichromacy



## Original Color

219.2120, 31.8180, 7.0660

## Protanomaly

217.6940, 18.4770, 1.0450

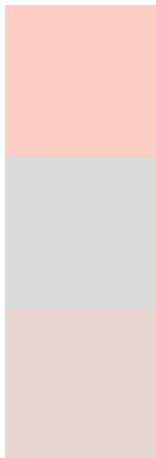
## Deuteranomaly

218.7770, 28.6090, 4.6490

## Tritanomaly

219.9330, 28.4700, 12.6780

# Monochromacy



## Original Color

219.2120, 31.8180, 7.0660

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

219.0400, 11.6910, 2.8830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 219.2120, 31.8180, 7.0660 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(254, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 196)  
}
```

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(254, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 196) }
```

## Border

The CSS property to change the border of an element to YIQ 219.2120, 31.8180, 7.0660 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(254, 206, 196) }
```



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

```
.border{ border-color:rgb(254, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 206, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 206, 196); box-shadow:4px 4px 4px 4px rgb(254, 206, 196) }
```

# Background

The CSS property to change the background color of an element to YIQ 219.2120, 31.8180, 7.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 196) }
```

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

```
.background{ background-color: rgb(254,  
206, 196) }
```

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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