

Converting Colors

YIQ(217.3510, 21.1810, 7.1090)

Have a look what the booklet for
YIQ(217.3510, 21.1810, 7.1090)
contains.

YIQ(217.3510, 21.1810, 7.1090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(217.3510, 21.1810,
7.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CFCE
RGB	242, 207, 206
RGB Percent	95%, 81%, 81%
CMY	0.0509, 0.1883, 0.1921
CMYK	0.00, 0.14, 0.15, 0.05
HSL	2°, 58%, 88%
HSV	2°, 15%, 95%
XYZ	70.0777, 67.9568, 67.8298
YIQ	217.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

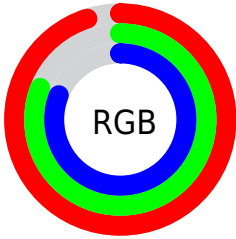
Format	Color
R _Y B	242, 207, 206
Decimal	15912910
CIE Lab	85.98, 12.11, 5.02
CIE LCh	86, 13.111, 22.533
Yxy	67.9568, 0.3404, 0.3301
Android (android.graphics.Color)	4294102990 (0xFF2CFCE)
YUV	217.3510, -5.5960, 21.6172
Hunter-Lab	82.4359, 7.4776, 8.9202

Details

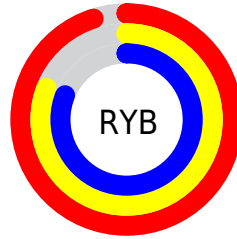
The YIQ color **217.3510, 21.1810, 7.1090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.6490, -21.1810, -7.1090**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.7530, 19.9890, 6.6850** is the 20% darker color. If you saturate the color by 10%, you get **200.5270, 35.4850, 12.1970**, and if you desaturate by 10%, it is **234.1750, 6.8770, 2.0210**.

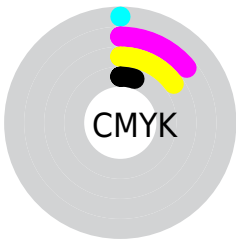
Distribution



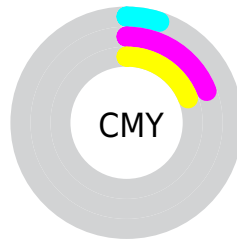
- Red (95%)
- Green (81%)
- Blue (81%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.3510, 21.1810, 7.1090 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 217.3510, 21.1810, 7.1090 by changing the saturation by 10% instead.


 217.3510, 21.1810,
7.1090


 217.3510, 21.1810,
7.1090


255.0000, -0.0000,
-0.0000


 189.1660, 20.2640,
7.2080

 162.7530, 19.9890,
6.6850

 136.1550, 18.7970,
6.2610

 110.8560, 18.2010,
6.0490

 85.6710, 17.2840,
6.1480

 62.9590, 16.4130,
5.4130

 40.4750, 14.9000,

5.3000

■ 18.9480, 14.9460,
4.4660

■ 0.0000, 0.0000,
0.0000

■ 217.3510, 21.1810,
7.1090

■ 217.3510, 21.1810,
7.1090

■ 200.5270, 35.4850,
12.1970

■ 234.1750, 6.8770,
2.0210

■ 184.2900, 49.5140,
16.7620

■ 250.4120, -7.1520,
-2.5440

■ 167.3520, 64.1390,
21.5390

■ 251.1130, -7.7480,
-2.7560

■ 151.1150, 78.1680,
26.1040

■ 134.2910, 92.4720,
31.1920

■ 118.0540,
106.5010, 35.7570

■ 101.2300,
120.8050, 40.8450

■ 84.8790, 135.1550,
45.0990

■ 76.4670, 142.3070,
47.6430

Harmonies

Analogous

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



217.9360, 15.2200, 10.5160



217.3510, 21.1810, 7.1090



216.1890, 21.4570, 2.1050

Triad

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



217.3510, 21.1810, 7.1090



212.0390, -4.9040, -10.2480



213.8270, -18.3860, 2.8140

Complementary

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



217.3510, 21.1810, 7.1090



230.6490, -21.1810, -7.1090

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.



211.7290, -24.1620, -2.6420



217.3510, 21.1810, 7.1090



210.8790, -16.1370, -10.4170

Square

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



217.3510, 21.1810, 7.1090



213.5520, 6.8330, -8.1990



210.8660, -23.2900, -7.4340



216.1490, -7.4290, 7.9870

Rectangle

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



217.3510, 21.1810, 7.1090



215.7000, 18.3400, -1.9800



210.8660, -23.2900, -7.4340



213.1040, -20.7240, 1.1320

Sweetspot

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



217.3510, 21.1810, 7.1090



247.9900, 5.9600, 2.1200



220.7540, 10.2210, 18.5170



123.0930, 4.1720, 1.4840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

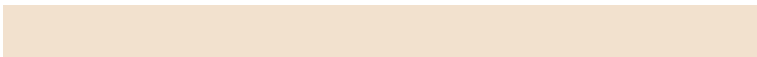
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.3510, 21.1810, 7.1090



223.3410, 27.1410, 9.2290



227.9170, 16.2310, -2.3050



111.5880, 7.1520, 2.5440



57.9510, 108.2890, 36.3930



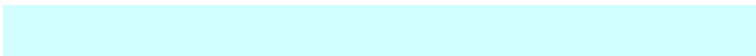
17.9180, 32.8260, 10.8260

Inverse Universe

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



230.6490, -21.1810, -7.1090



240.6590, -27.1410, -9.2290



220.0830, -16.2310, 2.3050



116.4120, -7.1520, -2.5440



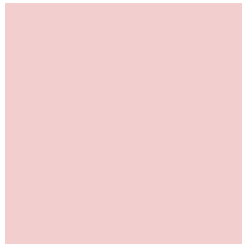
126.0490, -108.2890, -36.3930



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 217.3510, 21.1810, 7.1090 looks on a white background.

Color Contrast Check

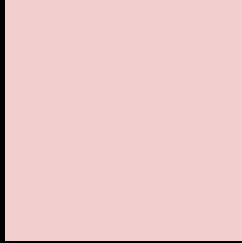
Large Text (above 18pt) WCAG AA × Fail

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 217.3510, 21.1810, 7.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

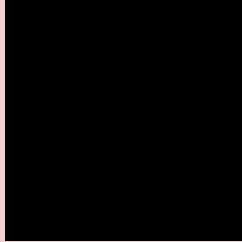
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.3510, 21.1810, 7.1090

Background



This preview shows how black text looks on a background with the YIQ color 217.3510, 21.1810, 7.1090.



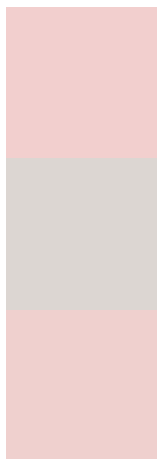
This preview shows how white text looks on a background with the YIQ color 217.3510, 21.1810,

7.1090.

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

217.3510, 21.1810, 7.1090

Protanopia

215.3380, 4.8600, 0.0280

Deuteranopia

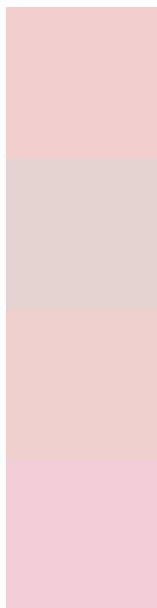
217.0410, 19.1180, 5.9500



Tritanopia

218.4850, 18.1080, 13.2440

Trichromacy



Original Color

217.3510, 21.1810, 7.1090

Protanomaly

215.8550, 10.7740, 2.9820

Deuteranomaly

217.3400, 19.7140, 6.1620

Tritanomaly

218.2030, 18.8420, 10.9540

Monochromacy



Original Color

217.3510, 21.1810, 7.1090

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3510, 21.1810, 7.1090 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 206) }
```

Border

The CSS property to change the border of an element to YIQ 217.3510, 21.1810, 7.1090 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, 207, 206) }
```


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

```
.border{ border-color:rgb(242, 207, 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, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 217.3510, 21.1810, 7.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 206) }
```

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

```
.background{ background-color: rgb(242,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor