

Converting Colors

YIQ(217.2200, 20.1720, 8.8760)

Have a look what the booklet for
YIQ(217.2200, 20.1720, 8.8760)
contains.

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Color

**YIQ(217.2200, 20.1720,
8.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CED2
RGB	242, 206, 210
RGB Percent	95%, 81%, 82%
CMY	0.0509, 0.1922, 0.1764
CMYK	0.00, 0.15, 0.13, 0.05
HSL	353°, 58%, 88%
HSV	353°, 15%, 95%
XYZ	70.3286, 67.6707, 70.3406
YIQ	217.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

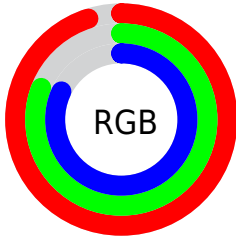
Format	Color
R _Y B	242, 206, 210
Decimal	15912658
CIE Lab	85.84, 13.27, 2.70
CIE LCh	86, 13.538, 11.484
Yxy	67.6707, 0.3376, 0.3248
Android (android.graphics.Color)	4294102738 (0xFFFF2CED2)
YUV	217.2200, -3.5595, 21.7321
Hunter-Lab	82.2622, 8.6467, 6.8859

Details

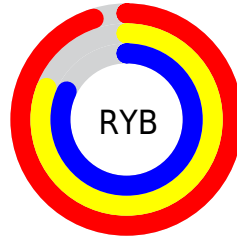
The YIQ color $217.2200, 20.1720, 8.8760$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.7800, -20.1720, -8.8760$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.6220, 18.9800, 8.4520$ is the 20% darker color. If you saturate the color by 10%, you get $200.7380, 33.5130, 14.8970$, and if you desaturate by 10%, it is $233.8160, 6.5100, 3.1660$.

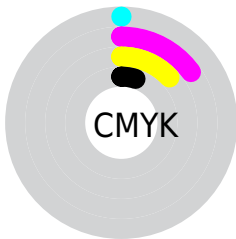
Distribution



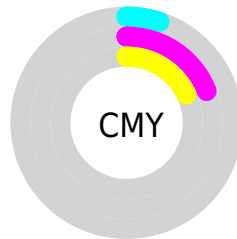
- Red (95%)
- Green (81%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2200, 20.1720, 8.8760 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 217.2200, 20.1720, 8.8760 by changing the saturation by 10% instead.

217.2200, 20.1720,
8.8760

217.2200, 20.1720,
8.8760

255.0000, -0.0000,
-0.0000

188.9210, 19.5760,
8.6640

162.6220, 18.9800,
8.4520

136.0240, 17.7880,
8.0280

110.7250, 17.1920,
7.8160

86.0130, 16.3210,
7.0810

62.8280, 15.4040,
7.1800

40.2300, 14.2120,

6.7560

■ 18.9310, 13.6160,
6.5440

■ 0.0000, 0.0000,
0.0000

■ 217.2200, 20.1720,
8.8760

■ 217.2200, 20.1720,
8.8760

■ 200.7380, 33.5130,
14.8970

■ 233.8160, 6.5100,
3.1660

■ 184.1420, 47.1750,
20.6070

■ 250.2980, -6.8310,
-2.8550

■ 167.0730, 60.7910,
27.1510

■ 251.1130, -7.7480,
-2.7560

■ 150.4770, 74.4530,
32.8610

■ 133.9950, 87.7940,
38.8820

■ 117.3990,
101.4560, 44.5920

■ 100.9170,
114.7970, 50.6130

■ 83.7340, 128.7340,
56.8460

■ 75.4360, 135.5650,
59.7010

Harmonies

Analogous

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



217.4950, 12.1480, 11.1240



217.2200, 20.1720, 8.8760



216.7270, 22.8780, 3.8860

Triad

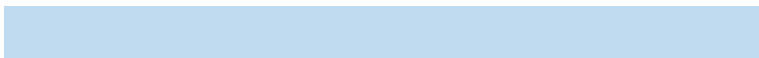
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.2200, 20.1720, 8.8760



212.0780, -0.6400, -10.4320



212.6200, -22.2370, 1.0190

Complementary

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



217.2200, 20.1720, 8.8760



230.7800, -20.1720, -8.8760

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.



210.7780, -25.8580, -4.9460



217.2200, 20.1720, 8.8760



211.2060, -12.7440, -11.3360

Square

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



217.2200, 20.1720, 8.8760



213.6450, 11.0050, -6.7150



209.9970, -22.2810, -9.2010



214.8710, -12.5180, 6.6020

Rectangle

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



217.2200, 20.1720, 8.8760



215.8360, 20.9530, 0.2250



209.9970, -22.2810, -9.2010



212.0820, -23.6580, -0.7620

Sweetspot

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



217.2200, 20.1720, 8.8760



248.1040, 5.6390, 2.4310



219.6720, 7.5160, 17.9800



123.2070, 3.8510, 1.7950



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.



217.2200, 20.1720, 8.8760



223.3240, 25.8110, 11.3070



224.9820, 17.6060, 0.3100



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.4280, 31.4500, 13.7380

Inverse Universe

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



217.2200, 20.1720, 8.8760



223.3240, 25.8110, 11.3070



223.0180, -17.6060, -0.3100



111.7020, 6.8310, 2.8550



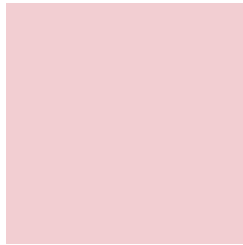
57.4100, 102.9230, 45.5390



17.4280, 31.4500, 13.7380

Previews

White Background



This preview shows how the YIQ color 217.2200, 20.1720, 8.8760 looks on a white background.

Color Contrast Check

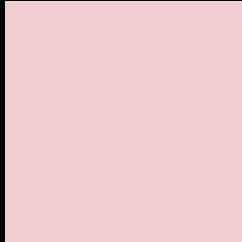
Large Text (above 18pt) WCAG AA × Fail

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 217.2200, 20.1720, 8.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

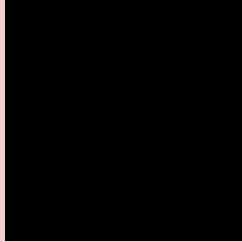
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.2200, 20.1720, 8.8760

Background



This preview shows how black text looks on a background with the YIQ color 217.2200, 20.1720, 8.8760.



This preview shows how white text looks on a background with the YIQ color 217.2200, 20.1720,

8.8760.

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

217.2200, 20.1720, 8.8760

Protanopia

215.4950, 2.9800, 1.0600

Deuteranopia

216.8990, 16.6420, 6.7700



Tritanopia

217.4850, 18.1080, 13.2440

Trichromacy



Original Color

217.2200, 20.1720, 8.8760

Protanomaly

216.0120, 8.8940, 4.0140

Deuteranomaly

216.9100, 18.1090, 7.7170

Tritanomaly

217.6160, 19.1170, 11.4770

Monochromacy



Original Color

217.2200, 20.1720, 8.8760

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2200, 20.1720, 8.8760 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 210)  
}
```

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, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 210) }
```

Border

The CSS property to change the border of an element to YIQ 217.2200, 20.1720, 8.8760 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, 206, 210) }
```


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

```
.border{ border-color:rgb(242, 206, 210) }
```

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

Here you see how a box with a 4 pixel rgb(242, 206, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2200, 20.1720, 8.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 210) }
```

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

```
.background{ background-color: rgb(242,  
206, 210) }
```

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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