

Converting Colors

YIQ(217.2920, 28.8370, 11.5330)

Have a look what the booklet for
YIQ(217.2920, 28.8370, 11.5330)
contains.

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Color

**YIQ(217.2920, 28.8370,
11.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCACD
RGB	252, 202, 205
RGB Percent	99%, 79%, 80%
CMY	0.0116, 0.2079, 0.1960
CMYK	0.00, 0.20, 0.19, 0.01
HSL	356°, 89%, 89%
HSV	356°, 20%, 99%
XYZ	72.2945, 67.3416, 66.9636
YIQ	217.2920, 28.8370, 11.5330

Conversions

Conversions Part 2

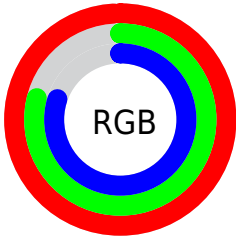
Format	Color
R _Y B	252, 202, 205
Decimal	16566989
CIE Lab	85.68, 18.15, 5.22
CIE LCh	86, 18.891, 16.049
Yxy	67.3416, 0.3499, 0.3260
Android (android.graphics.Color)	4294757069 (0xFFFCACD)
YUV	217.2920, -6.0600, 30.4389
Hunter-Lab	82.0619, 13.6458, 9.0619

Details

The YIQ color **217.2920, 28.8370, 11.5330** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **236.7080, -28.8370, -11.5330**, 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 **162.3950, 27.0490, 10.8970** is the 20% darker color. If you saturate the color by 10%, you get **199.8810, 43.4160, 17.1440**, and if you desaturate by 10%, it is **234.7030, 14.2580, 5.9220**.

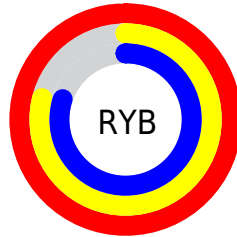
Distribution



Red (99%)

Green (79%)

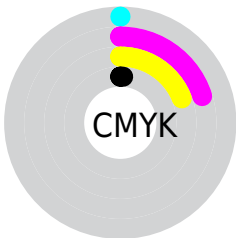
Blue (80%)



Red (99%)

Yellow (79%)

Blue (80%)

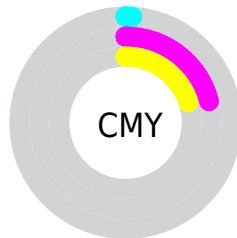


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2920, 28.8370, 11.5330 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 217.2920, 28.8370, 11.5330 by changing the saturation by 10% instead.

217.2920, 28.8370,
11.5330

217.2920, 28.8370,
11.5330

255.0000, -0.0000,
-0.0000

189.1070, 27.9200,
11.6320

162.3950, 27.0490,
10.8970

135.7970, 25.8570,
10.4730

110.1990, 24.6650,
10.0490

85.6010, 23.4730,
9.6250

62.1170, 21.9600,
9.5120

39.2200, 20.1720,

8.8760

■ 17.1060, 20.4930,
8.5650

■ 0.0000, 0.0000,
0.0000

■ 217.2920, 28.8370,
11.5330

■ 217.2920, 28.8370,
11.5330

■ 199.8810, 43.4160,
17.1440

■ 234.7030, 14.2580,
5.9220

■ 182.5840, 57.6740,
23.0660

■ 252.0000, 0.0000,
0.0000

■ 164.5860, 72.5280,
29.2000

■ 254.1030, -1.7880,
-0.6360

■ 147.1750, 87.1070,
34.8110

■ 129.8780,
101.3650, 40.7330

■ 112.4670,
115.9440, 46.3440

■ 95.0560, 130.5230,
51.9550

■ 77.1720, 145.0560,
58.4000

■ 77.0580, 145.3770,
58.0890

Harmonies

Analogous

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



217.8380, 18.6120, 15.1240



217.2920, 28.8370, 11.5330



216.3320, 31.3600, 4.3520

Triad

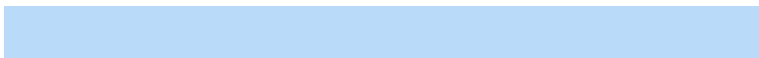
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.2920, 28.8370, 11.5330



210.4750, -3.4360, -14.8280



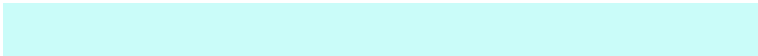
211.5530, -29.2980, 2.3340

Complementary

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



217.2920, 28.8370, 11.5330



236.7080, -28.8370, -11.5330

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.



208.9770, -36.7240, -6.2600



217.2920, 28.8370, 11.5330



208.3790, -20.7210, -15.4490

Square

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



217.2920, 28.8370, 11.5330



212.4940, 12.7480, -10.7720



207.7290, -33.3300, -12.7060



214.6090, -14.5360, 10.1360

Rectangle

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



217.2920, 28.8370, 11.5330



214.9030, 28.0140, -1.0900



207.7290, -33.3300, -12.7060



210.4060, -33.3780, -0.8180

Sweetspot

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



217.2920, 28.8370, 11.5330



244.5990, 8.6190, 3.4910



221.7530, 11.9620, 25.5140



121.6910, 5.3640, 1.9080



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.



217.2920, 28.8370, 11.5330



212.6950, 35.0720, 14.1760



229.8640, 23.7500, -0.9060



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Inverse Universe

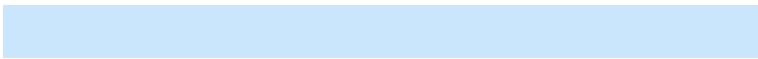
The Inverse Universe completely reimagines the original color for something new.



217.2920, 28.8370, 11.5330



212.6950, 35.0720, 14.1760



224.1360, -23.7500, 0.9060



116.0010, 7.4270, 3.0670



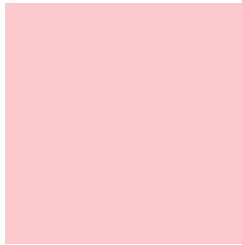
57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 217.2920, 28.8370, 11.5330 looks on a white background.

Color Contrast Check

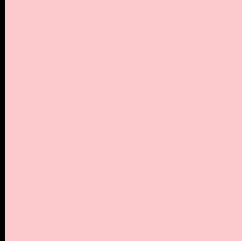
Large Text (above 18pt) WCAG AA × Fail

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 217.2920, 28.8370, 11.5330 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 217.2920, 28.8370, 11.5330

Background



This preview shows how black text looks on a background with the YIQ color 217.2920, 28.8370, 11.5330.



This preview shows how white text looks on a background with the YIQ color 217.2920, 28.8370,

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

217.2920, 28.8370, 11.5330

Protanopia

214.5660, 4.2180, 0.6500

Deuteranopia

216.2260, 20.0350, 5.8510



Tritanopia

217.6710, 26.4520, 16.2120

Trichromacy



Original Color

217.2920, 28.8370, 11.5330

Protanomaly

215.5780, 13.1120, 4.6640

Deuteranomaly

216.5470, 23.5650, 7.9570

Tritanomaly

217.8020, 27.4610, 14.4450

Monochromacy



Original Color

217.2920, 28.8370, 11.5330

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.4960, 10.4070, 4.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2920, 28.8370, 11.5330 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(252, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 205)  
}
```

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(252, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 205) }
```

Border

The CSS property to change the border of an element to YIQ 217.2920, 28.8370, 11.5330 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(252, 202, 205) }
```


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

```
.border{ border-color:rgb(252, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2920, 28.8370, 11.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 205) }
```

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

```
.background{ background-color: rgb(252,  
202, 205) }
```

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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