

Converting Colors

YIQ(217.4200, 25.9010, 20.6930)

Have a look what the booklet for
YIQ(217.4200, 25.9010, 20.6930)
contains.

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Color

**YIQ(217.4200, 25.9010,
20.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5E0
RGB	255, 197, 224
RGB Percent	100%, 77%, 88%
CMY	0.0000, 0.2275, 0.1215
CMYK	0.00, 0.23, 0.12, 0.00
HSL	332°, 100%, 89%
HSV	332°, 23%, 100%
XYZ	74.6581, 66.5644, 79.4492
YIQ	217.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

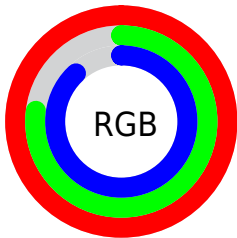
Format	Color
R _{YB}	255, 197, 224
Decimal	16762336
CIE Lab	85.28, 24.77, -5.43
CIE LCh	85, 25.356, 347.637
Yxy	66.5644, 0.3383, 0.3016
Android (android.graphics.Color)	4294952416 (0xFFFFC5E0)
YUV	217.4200, 3.2439, 32.9577
Hunter-Lab	81.5870, 20.5633, -0.6255

Details

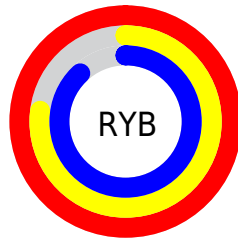
The YIQ color $217.4200, 25.9010, 20.6930$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $234.5800, -25.9010, -20.6930$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $162.4090, 24.4340, 19.7460$ is the 20% darker color. If you saturate the color by 10%, you get $200.5620, 37.5450, 29.9370$, and if you desaturate by 10%, it is $233.6910, 14.5320, 11.9720$.

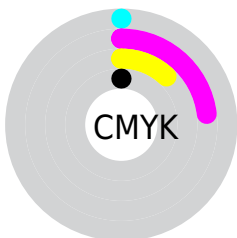
Distribution



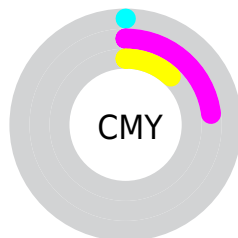
- Red (100%)
- Green (77%)
- Blue (88%)



- Red (100%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.4200, 25.9010, 20.6930 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 217.4200, 25.9010, 20.6930 by changing the saturation by 10% instead.


 217.4200, 25.9010,
20.6930


 217.4200, 25.9010,
20.6930


255.0000, -0.0000,
-0.0000


 189.7080, 25.0300,
19.9580


254.4130, 0.2750,
0.5230

 162.4090, 24.4340,
19.7460

 135.6970, 23.5630,
19.0110

 110.0990, 22.3710,
18.5870

 85.3870, 21.5000,
17.8520

 61.4900, 19.7120,
17.2160

 38.1910, 19.1160,

17.0040

■ 16.1200, 17.8780,
17.4140

■ 3.5880, 7.1520,
2.5440

■ 217.4200, 25.9010,
20.6930

■ 217.4200, 25.9010,
20.6930

■ 200.5620, 37.5450,
29.9370

■ 233.6910, 14.5320,
11.9720

■ 184.4050, 48.5930,
38.9690

■ 250.4350, 3.2090,
2.4170

■ 167.5470, 60.2370,
48.2130

255.0000, -0.0000,
-0.0000

■ 151.3900, 71.2850,
57.2450

■ 134.5320, 82.9290,
66.4890

■ 118.2610, 94.2980,
75.2100

■ 101.5170,
105.6210, 84.7650

■ 89.8110, 113.7810,
91.0690

Harmonies

Analogous

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



216.5840, 4.9480, 20.4680



217.4200, 25.9010, 20.6930



214.0970, 33.8800, 13.7520

Triad

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



217.4200, 25.9010, 20.6930



210.4140, 15.7290, -15.2390



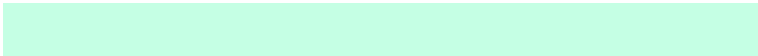
204.6100, -51.8080, -8.2240

Complementary

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



217.4200, 25.9010, 20.6930



234.5800, -25.9010, -20.6930

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.



203.0800, -47.6800, -16.9600



217.4200, 25.9010, 20.6930



207.3450, -6.1860, -20.0580

Square

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



217.4200, 25.9010, 20.6930



213.1930, 32.8290, -5.7550



204.7260, -29.2480, -20.6080



208.4640, -39.2930, 1.7550

Rectangle

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



217.4200, 25.9010, 20.6930



214.1480, 37.8700, 7.5180



204.7260, -29.2480, -20.6080



203.5020, -51.6240, -11.5600

Sweetspot

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



217.4200, 25.9010, 20.6930



243.2940, 8.1600, 6.3040



212.8810, -0.1420, 24.6100



120.8590, 4.9510, 3.8870



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.



217.4200, 25.9010, 20.6930



210.2790, 30.8520, 24.5800



215.5160, 34.0180, 11.2500



119.5710, 5.8220, 4.6220



67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Inverse Universe

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



217.4200, 25.9010, 20.6930



210.2790, 30.8520, 24.5800



236.4840, -34.0180, -11.2500



119.5710, 5.8220, 4.6220



67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 217.4200, 25.9010, 20.6930 looks on a white background.

Color Contrast Check

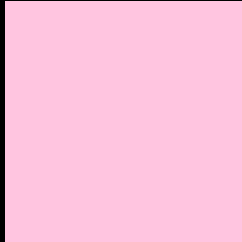
Large Text (above 18pt) WCAG AA × Fail

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 217.4200, 25.9010, 20.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

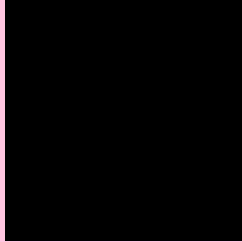
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.4200, 25.9010, 20.6930

Background



This preview shows how black text looks on a background with the YIQ color 217.4200, 25.9010, 20.6930.



This preview shows how white text looks on a background with the YIQ color 217.4200, 25.9010,

20.6930.

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

217.4200, 25.9010, 20.6930

Protanopia

214.0950, -7.3370, 6.3190

Deuteranopia

215.5870, 8.8930, 9.5410



Tritanopia

217.1550, 27.9650, 16.3250

Trichromacy



Original Color

217.4200, 25.9010, 20.6930

Protanomaly

215.6020, 4.5370, 11.3930

Deuteranomaly

216.0440, 15.0360, 13.8520

Tritanomaly

217.0240, 26.9560, 18.0920

Monochromacy



Original Color

217.4200, 25.9010, 20.6930

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.4190, 9.3060, 7.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.4200, 25.9010, 20.6930 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(255, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 224)  
}
```

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(255, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 224) }
```

Border

The CSS property to change the border of an element to YIQ 217.4200, 25.9010, 20.6930 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(255, 197, 224) }
```


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

```
.border{ border-color:rgb(255, 197, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 217.4200, 25.9010, 20.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 224) }
```

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

```
.background{ background-color: rgb(255,  
197, 224) }
```

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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