

Converting Colors

YIQ(217.9900, 24.2960, 22.2480)

Have a look what the booklet for
YIQ(217.9900, 24.2960, 22.2480)
contains.

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Color

**YIQ(217.9900, 24.2960,
22.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5E5
RGB	255, 197, 229
RGB Percent	100%, 77%, 90%
CMY	0.0000, 0.2275, 0.1019
CMYK	0.00, 0.23, 0.10, 0.00
HSL	327°, 100%, 89%
HSV	327°, 23%, 100%
XYZ	75.3461, 66.8396, 83.0723
YIQ	217.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

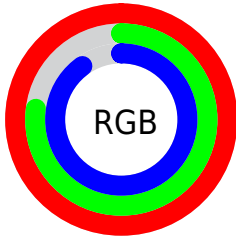
Format	Color
R_{YB}	255, 197, 229
Decimal	16762341
CIE _{Lab}	85.42, 25.58, -7.88
CIE _{LCh}	85, 26.768, 342.868
Yxy	66.8396, 0.3345, 0.2967
Android (android.graphics.Color)	4294952421 (0xFFFFC5E5)
YUV	217.9900, 5.4279, 32.4578
Hunter-Lab	81.7555, 21.4340, -3.0161

Details

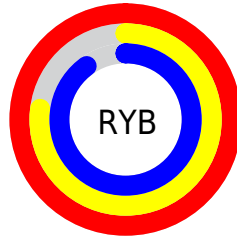
The YIQ color $217.9900, 24.2960, 22.2480$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.0100, -24.2960, -22.2480$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $162.9790, 22.8290, 21.3010$ is the 20% darker color. If you saturate the color by 10%, you get $201.4740, 34.9770, 32.4250$, and if you desaturate by 10%, it is $233.9190, 13.8900, 12.5940$.

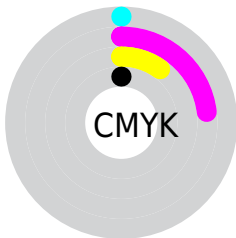
Distribution



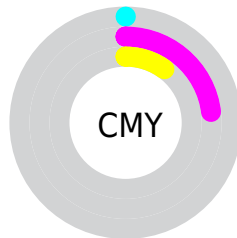
- Red (100%)
- Green (77%)
- Blue (90%)



- Red (100%)
- Yellow (77%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.9900, 24.2960, 22.2480 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 217.9900, 24.2960, 22.2480 by changing the saturation by 10% instead.


 217.9900, 24.2960,
22.2480


 217.9900, 24.2960,
22.2480


255.0000, -0.0000,
-0.0000


 190.2780, 23.4250,
21.5130

254.4130, 0.2750,
0.5230

 162.9790, 22.8290,
21.3010

 136.2670, 21.9580,
20.5660

 110.5550, 21.0870,
19.8310

 85.8430, 20.2160,
19.0960

 61.3590, 18.7030,
18.9830

 38.6470, 17.8320,

18.2480

■ 16.4620, 16.9150,
18.3470

■ 4.4850, 8.9400,
3.1800

■ 217.9900, 24.2960,
22.2480

■ 217.9900, 24.2960,
22.2480

■ 201.4740, 34.9770,
32.4250

■ 233.9190, 13.8900,
12.5940

■ 185.4310, 45.7040,
41.7680

■ 250.5490, 2.8880,
2.7280

■ 168.9150, 56.3850,
51.9450

255.0000, -0.0000,
-0.0000

■ 152.8720, 67.1120,
61.2880

■ 136.3560, 77.7930,
71.4650

■ 120.4270, 88.1990,
81.1190

■ 103.7970, 99.2010,
90.9850

■ 92.3190, 106.7190,
97.9110

Harmonies

Analogous

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



216.8440, 1.2800, 20.8640



217.9900, 24.2960, 22.2480



213.8520, 33.1920, 15.2080

Triad

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



217.9900, 24.2960, 22.2480



210.9800, 19.9470, -14.5890



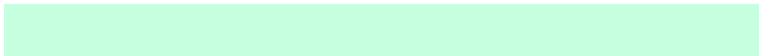
203.8760, -55.6130, -10.8530

Complementary

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



217.9900, 24.2960, 22.2480



234.0100, -24.2960, -22.2480

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.



202.7270, -48.1840, -18.8400



217.9900, 24.2960, 22.2480



208.0850, -2.5180, -20.4540

Square

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



217.9900, 24.2960, 22.2480



213.9870, 36.4050, -4.4830



205.1560, -27.6430, -22.1630



207.5450, -44.0150, -0.7750

Rectangle

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



217.9900, 24.2960, 22.2480



213.7890, 37.5030, 8.6630



205.1560, -27.6430, -22.1630



203.0670, -54.8330, -13.9770

Sweetspot

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



217.9900, 24.2960, 22.2480



243.5220, 7.5180, 6.9260



211.0870, -3.7180, 23.3380



120.9730, 4.6300, 4.1980



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.



217.9900, 24.2960, 22.2480



210.9630, 28.9260, 26.4460



214.7980, 33.2840, 13.5400



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Inverse Universe

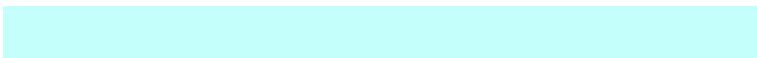
The Inverse Universe completely reimagines the original color for something new.



217.9900, 24.2960, 22.2480



210.9630, 28.9260, 26.4460



237.2020, -33.2840, -13.5400



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 217.9900, 24.2960, 22.2480 looks on a white background.

Color Contrast Check

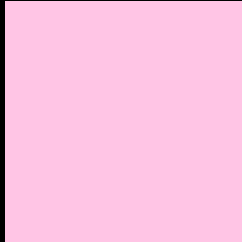
Large Text (above 18pt) WCAG AA × Fail

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 217.9900, 24.2960, 22.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

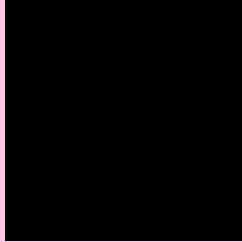
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.9900, 24.2960, 22.2480

Background



This preview shows how black text looks on a background with the YIQ color 217.9900, 24.2960, 22.2480.



This preview shows how white text looks on a background with the YIQ color 217.9900, 24.2960,

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

217.9900, 24.2960, 22.2480

Protanopia

214.4800, -9.8590, 7.9730

Deuteranopia

216.1460, 5.8210, 10.1490



Tritanopia

216.9700, 27.0480, 16.4240

Trichromacy



Original Color

217.9900, 24.2960, 22.2480



Protanomaly

215.8730, 2.3360, 12.7360



Deuteranomaly

216.9020, 12.5600, 14.6720



Tritanomaly

217.2520, 26.3140, 18.7140

Monochromacy



Original Color

217.9900, 24.2960, 22.2480



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

217.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9900, 24.2960, 22.2480 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 229) }
```

Border

The CSS property to change the border of an element to YIQ 217.9900, 24.2960, 22.2480 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, 229) }
```


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

```
.border{ border-color:rgb(255, 197, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9900, 24.2960, 22.2480 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
197, 229) }
```

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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