

Converting Colors

YIQ(215.0720, 27.0010, 22.7850)

Have a look what the booklet for
YIQ(215.0720, 27.0010, 22.7850)
contains.

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Color

**YIQ(215.0720, 27.0010,
22.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E0
RGB	255, 193, 224
RGB Percent	100%, 76%, 88%
CMY	0.0000, 0.2432, 0.1215
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	73.7616, 64.7714, 79.1506
YIQ	215.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

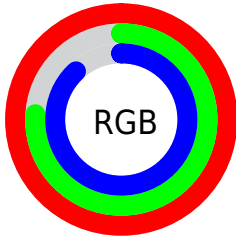
Format	Color
RYP	255, 193, 224
Decimal	16761312
CIELab	84.37, 26.87, -6.79
CIElCh	84, 27.713, 345.828
Yxy	64.7714, 0.3388, 0.2975
Android (android.graphics.Color)	4294951392 (0xFFFFC1E0)
YUV	215.0720, 4.4015, 35.0169
Hunter-Lab	80.4807, 22.7565, -1.9736

Details

The YIQ color $215.0720, 27.0010, 22.7850$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.9280, -27.0010, -22.7850$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $160.0610, 25.5340, 21.8380$ is the 20% darker color. If you saturate the color by 10%, you get $198.3280, 38.3240, 32.3400$, and if you desaturate by 10%, it is $231.2290, 15.9530, 13.7530$.

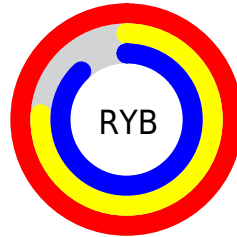
Distribution



Red (100%)

Green (76%)

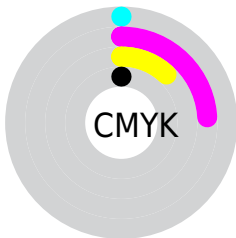
Blue (88%)



Red (100%)

Yellow (76%)

Blue (88%)

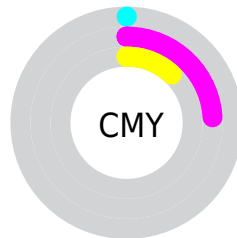


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.0720, 27.0010, 22.7850 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 215.0720, 27.0010, 22.7850 by changing the saturation by 10% instead.


 215.0720, 27.0010,
22.7850


 215.0720, 27.0010,
22.7850


255.0000, -0.0000,
-0.0000


 187.3600, 26.1300,
22.0500


 252.0650, 1.3750,
2.6150

 160.0610, 25.5340,
21.8380

 133.3490, 24.6630,
21.1030

 107.7510, 23.4710,
20.6790

 83.0390, 22.6000,
19.9440

 59.1420, 20.8120,
19.3080

 35.5440, 19.6200,

18.8840

■ 16.1200, 17.8780,
17.4140

■ 2.0930, 4.1720,
1.4840

■ 215.0720, 27.0010,
22.7850

■ 215.0720, 27.0010,
22.7850

■ 198.3280, 38.3240,
32.3400

■ 231.2290, 15.9530,
13.7530

■ 182.2850, 49.0510,
41.6830

■ 247.8590, 4.9510,
3.8870

■ 165.5410, 60.3740,
51.2380

255.0000, -0.0000,
-0.0000

■ 149.3840, 71.4220,
60.2700

■ 132.6400, 82.7450,
69.8250

■ 116.5970, 93.4720,
79.1680

■ 99.8530, 104.7950,
88.7230

■ 90.8370, 110.8920,
93.8680

Harmonies

Analogous

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



214.3390, 4.2600, 21.9240



215.0720, 27.0010, 22.7850



211.4070, 35.9430, 14.9110

Triad

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



215.0720, 27.0010, 22.7850



207.8550, 18.8010, -15.8470



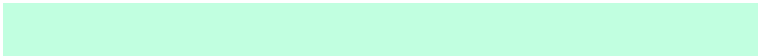
200.6200, -57.7680, -10.3440

Complementary

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



215.0720, 27.0010, 22.7850



232.9280, -27.0010, -22.7850

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.



198.8730, -51.5310, -18.7550



215.0720, 27.0010, 22.7850



204.4760, -5.1770, -21.8250

Square

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



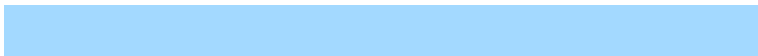
215.0720, 27.0010, 22.7850



210.6340, 35.9010, -6.3630



200.8890, -31.2650, -22.6010



205.1860, -44.3820, 0.3700

Rectangle

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



215.0720, 27.0010, 22.7850



210.7570, 40.5290, 8.8890



200.8890, -31.2650, -22.6010



199.5120, -57.5840, -13.6800

Sweetspot

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



215.0720, 27.0010, 22.7850



243.4080, 7.8390, 6.6150



209.0380, -2.0220, 25.6420



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.



215.0720, 27.0010, 22.7850



207.3440, 32.2270, 27.1950



211.6520, 36.6310, 13.4550



119.5710, 5.8220, 4.6220



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Inverse Universe

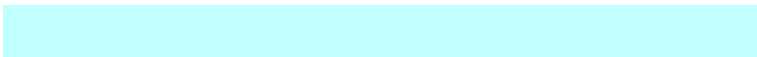
The Inverse Universe completely reimagines the original color for something new.



215.0720, 27.0010, 22.7850



207.3440, 32.2270, 27.1950



236.3480, -36.6310, -13.4550



119.5710, 5.8220, 4.6220



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 215.0720, 27.0010, 22.7850 looks on a white background.

Color Contrast Check

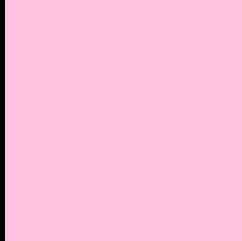
Large Text (above 18pt) WCAG AA × Fail

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 215.0720, 27.0010, 22.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

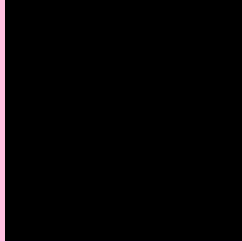
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.0720, 27.0010, 22.7850

Background



This preview shows how black text looks on a background with the YIQ color 215.0720, 27.0010, 22.7850.



This preview shows how white text looks on a background with the YIQ color 215.0720, 27.0010,

22.7850.

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

215.0720, 27.0010, 22.7850

Protanopia

211.5510, -8.6210, 7.5630

Deuteranopia

213.2170, 7.0590, 9.7390



Tritanopia

214.0520, 29.7530, 16.9610

Trichromacy



Original Color

215.0720, 27.0010, 22.7850

Protanomaly

212.6560, 4.4450, 13.0610

Deuteranomaly

214.2720, 14.3940, 14.4740

Tritanomaly

214.3340, 29.0190, 19.2510

Monochromacy



Original Color

215.0720, 27.0010, 22.7850

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1310, 10.1770, 8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0720, 27.0010, 22.7850 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, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 224) }
```

Border

The CSS property to change the border of an element to YIQ 215.0720, 27.0010, 22.7850 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, 193, 224) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0720, 27.0010, 22.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 224) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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