

Converting Colors

YIQ(222.7120, 19.2070, 20.8630)

Have a look what the booklet for
YIQ(222.7120, 19.2070, 20.8630)
contains.

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Color

**YIQ(222.7120, 19.2070,
20.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	FECCEB
RGB	254, 204, 237
RGB Percent	100%, 80%, 93%
CMY	0.0038, 0.2001, 0.0705
CMYK	0.00, 0.20, 0.07, 0.00
HSL	320°, 96%, 90%
HSV	320°, 20%, 100%
XYZ	77.7619, 70.3685, 89.6146
YIQ	222.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

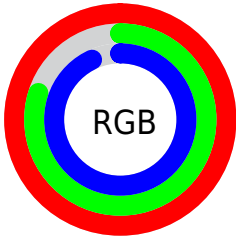
Format	Color
R_{YB}	254, 204, 237
Decimal	16698605
CIE _{Lab}	87.18, 22.91, -9.54
CIE _{LCh}	87, 24.817, 337.401
Yxy	70.3685, 0.3271, 0.2960
Android (android.graphics.Color)	4294888685 (0xFFFECCED)
YUV	222.7120, 7.0440, 27.4396
Hunter-Lab	83.8859, 18.6684, -4.6189

Details

The YIQ color $222.7120, 19.2070, 20.8630$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.2880, -19.2070, -20.8630$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.5870, 18.0610, 19.6050$ is the 20% darker color. If you saturate the color by 10%, you get $207.0110, 28.9710, 31.1390$, and if you desaturate by 10%, it is $238.4130, 9.4430, 10.5870$.

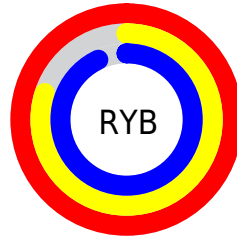
Distribution



Red (100%)

Green (80%)

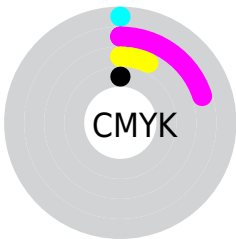
Blue (93%)



Red (100%)

Yellow (80%)

Blue (93%)

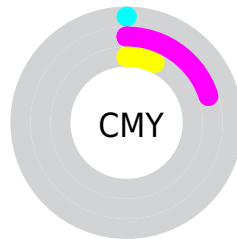


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.7120, 19.2070, 20.8630 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 222.7120, 19.2070, 20.8630 by changing the saturation by 10% instead.


 222.7120, 19.2070,
20.8630


 222.7120, 19.2070,
20.8630


255.0000, -0.0000,
-0.0000


 194.4130, 18.6110,
20.6510

 167.5870, 18.0610,
19.6050

 140.2880, 17.4650,
19.3930

 114.8750, 17.1900,
18.8700

 90.1630, 16.3190,
18.1350

 66.1520, 14.8520,
17.1880

 42.8530, 14.2560,

16.9760

■ 20.6680, 13.3390,
17.0750

■ 7.3480, 8.0680,
7.9720

■ 222.7120, 19.2070,
20.8630

■ 222.7120, 19.2070,
20.8630

■ 207.0110, 28.9710,
31.1390

■ 238.4130, 9.4430,
10.5870

■ 190.8370, 38.6890,
42.2490

254.5870, -0.2750,
-0.5230

■ 175.1360, 48.4530,
52.5250

254.7010, -0.5960,
-0.2120

■ 158.8480, 58.4920,
63.3240

■ 143.2610, 67.9350,
73.9110

■ 127.5600, 77.6990,
84.1870

■ 111.3860, 87.4170,
95.2970

■ 95.6850, 97.1810,
105.5730

■ 95.0980, 97.4560,
106.0960

Harmonies

Analogous

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



221.1100, -2.5250, 18.2350



222.7120, 19.2070, 20.8630



219.1010, 28.0570, 14.6570

Triad

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



222.7120, 19.2070, 20.8630



216.9310, 21.6430, -12.2850



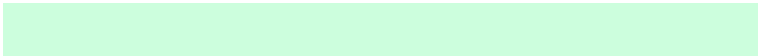
209.1000, -50.4320, -11.1360

Complementary

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



222.7120, 19.2070, 20.8630



235.2880, -19.2070, -20.8630

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.



208.9620, -41.5360, -18.1760



222.7120, 19.2070, 20.8630



214.2920, 1.3330, -18.6590

Square

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



222.7120, 19.2070, 20.8630



219.2690, 35.6710, -2.1930



211.0320, -21.3620, -20.3540



212.5620, -42.6850, -2.8530

Rectangle

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



222.7120, 19.2070, 20.8630



217.9780, 32.5970, 9.4690



211.0320, -21.3620, -20.3540



208.5900, -49.0560, -14.0480

Sweetspot

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



222.7120, 19.2070, 20.8630



245.6250, 5.7300, 6.2900



214.7830, -5.9180, 19.1540



122.2610, 3.7590, 3.4630



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.



222.7120, 19.2070, 20.8630



216.7990, 23.5160, 25.3720



219.8620, 27.2320, 13.0880



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Inverse Universe

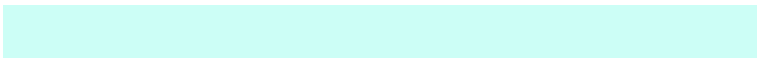
The Inverse Universe completely reimagines the original color for something new.



222.7120, 19.2070, 20.8630



216.7990, 23.5160, 25.3720



238.1380, -27.2320, -13.0880



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 222.7120, 19.2070, 20.8630 looks on a white background.

Color Contrast Check

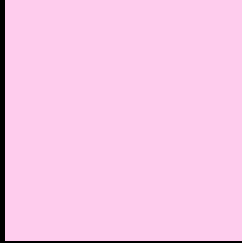
Large Text (above 18pt) WCAG AA × Fail

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 222.7120, 19.2070, 20.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

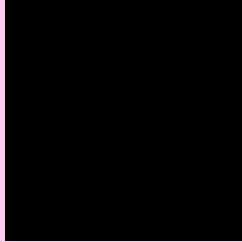
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.7120, 19.2070, 20.8630

Background



This preview shows how black text looks on a background with the YIQ color 222.7120, 19.2070, 20.8630.



This preview shows how white text looks on a background with the YIQ color 222.7120, 19.2070,

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

222.7120, 19.2070, 20.8630

Protanopia

219.5940, -10.1800, 8.2840

Deuteranopia

220.6020, 4.5370, 11.3930



Tritanopia

221.6920, 21.9590, 15.0390

Trichromacy



Original Color

222.7120, 19.2070, 20.8630

Protanomaly

220.5030, 0.5020, 12.9340

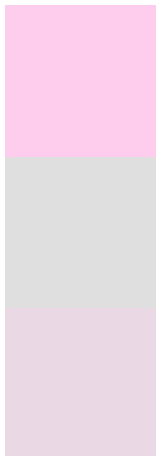
Deuteranomaly

221.3470, 9.8090, 14.9690

Tritanomaly

221.9740, 21.2250, 17.3290

Monochromacy



Original Color

222.7120, 19.2070, 20.8630

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.7120, 19.2070, 20.8630 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(254, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 237)  
}
```

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(254, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 237) }
```

Border

The CSS property to change the border of an element to YIQ 222.7120, 19.2070, 20.8630 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(254, 204, 237) }
```


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

```
.border{ border-color:rgb(254, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 222.7120, 19.2070, 20.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 237) }
```

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

```
.background{ background-color: rgb(254,  
204, 237) }
```

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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