

Converting Colors

YIQ(222.7050, 19.9440, 1.9920)

Have a look what the booklet for
YIQ(222.7050, 19.9440, 1.9920)
contains.

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Color

**YIQ(222.7050, 19.9440,
1.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D8CC
RGB	243, 216, 204
RGB Percent	95%, 85%, 80%
CMY	0.0470, 0.1530, 0.1999
CMYK	0.00, 0.11, 0.16, 0.05
HSL	18°, 62%, 88%
HSV	18°, 16%, 95%
XYZ	72.4219, 72.5239, 67.3224
YIQ	222.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

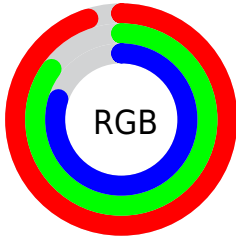
Format	Color
R _Y B	243, 221, 204
Decimal	15980748
CIE Lab	88.22, 7.46, 9.31
CIE LCh	88, 11.925, 51.292
Yxy	72.5239, 0.3412, 0.3417
Android (android.graphics.Color)	4294170828 (0xFFFF3D8CC)
YUV	222.7050, -9.2216, 17.7987
Hunter-Lab	85.1610, 2.7669, 12.7421

Details

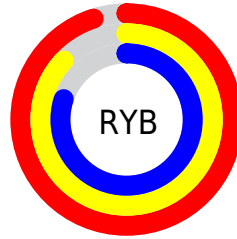
The YIQ color $222.7050, 19.9440, 1.9920$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $224.2950, -19.9440, -1.9920$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.5200, 19.0270, 2.0910$ is the 20% darker color. If you saturate the color by 10%, you get $209.9900, 32.3230, 3.4190$, and if you desaturate by 10%, it is $235.4200, 7.5650, 0.5650$.

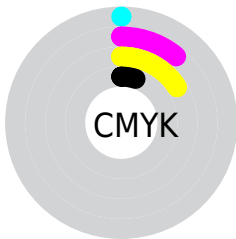
Distribution



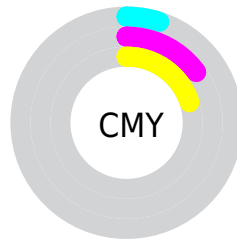
- Red (95%)
- Green (85%)
- Blue (80%)



- Red (95%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.7050, 19.9440, 1.9920 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 222.7050, 19.9440, 1.9920 by changing the saturation by 10% instead.

222.7050, 19.9440,
1.9920

222.7050, 19.9440,
1.9920

255.0000, -0.0000,
-0.0000

194.5200, 19.0270,
2.0910

167.5200, 19.0270,
2.0910

140.9220, 17.8350,
1.6670

115.6230, 17.2390,
1.4550

90.4380, 16.3220,
1.5540

67.2530, 15.4050,
1.6530

44.6550, 14.2130,

1.2290

■ 23.7150, 13.9840,
-0.1280

■ 0.0000, 0.0000,
0.0000

■ 222.7050, 19.9440,
1.9920

■ 222.7050, 19.9440,
1.9920

■ 209.9900, 32.3230,
3.4190

■ 235.4200, 7.5650,
0.5650

■ 197.1610, 45.0230,
4.5350

■ 248.2490, -5.1350,
-0.5510

■ 184.4460, 57.4020,
5.9620

■ 251.4120, -7.1520,
-2.5440

■ 172.3180, 69.5060,
6.8660

■ 159.6030, 81.8850,
8.2930

■ 146.7740, 94.5850,
9.4090

■ 134.0590,
106.9640, 10.8360

■ 121.3440,
119.3430, 12.2630

■ 116.6820,
124.2030, 12.2910

Harmonies

Analogous

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



223.5680, 19.0720, 6.7840



222.7050, 19.9440, 1.9920



221.2050, 15.3600, -3.0400

Triad

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



222.7050, 19.9440, 1.9920



217.7760, -14.3490, -9.7810



222.5080, -7.0620, 6.8420

Complementary

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



222.7050, 19.9440, 1.9920



224.2950, -19.9440, -1.9920

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.



220.1970, -16.5520, 2.6160



222.7050, 19.9440, 1.9920



217.6490, -21.1810, -7.1090

Square

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



222.7050, 19.9440, 1.9920



218.7510, -4.0330, -9.5130



218.5120, -22.0530, -2.3170



223.3630, 3.7120, 9.8240

Rectangle

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



222.7050, 19.9440, 1.9920



220.5740, 9.7670, -6.3050



218.5120, -22.0530, -2.3170



221.7140, -10.6380, 5.5700

Sweetspot

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



222.7050, 19.9440, 1.9920



248.2350, 6.6480, 0.6640



218.7390, 14.5770, 16.6650



123.5660, 4.2180, 0.6500



0.0000, 0.0000, 0.0000



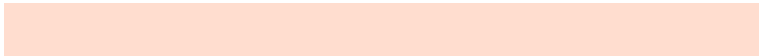
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.7050, 19.9440, 1.9920



229.5700, 24.7580, 2.8540



233.8580, 14.7190, -7.9450



115.9360, 6.0520, 0.4520



89.0730, 95.1810, 9.6210



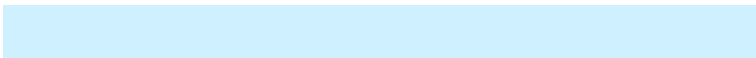
28.2070, 30.2140, 3.0940

Inverse Universe

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



224.2950, -19.9440, -1.9920



231.8430, -24.4830, -2.3310



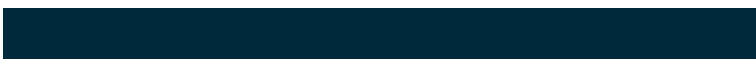
213.1420, -14.7190, 7.9450



116.6510, -6.3270, -0.9750



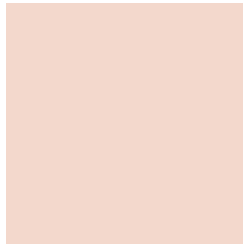
96.9270, -95.1810, -9.6210



30.7930, -30.2140, -3.0940

Previews

White Background



This preview shows how the YIQ color 222.7050, 19.9440, 1.9920 looks on a white background.

Color Contrast Check

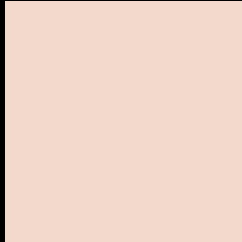
Large Text (above 18pt) WCAG AA × Fail

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 222.7050, 19.9440, 1.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

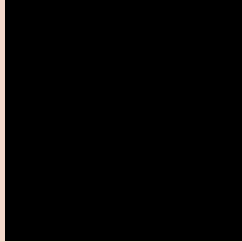
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.7050, 19.9440, 1.9920

Background



This preview shows how black text looks on a background with the YIQ color 222.7050, 19.9440, 1.9920.



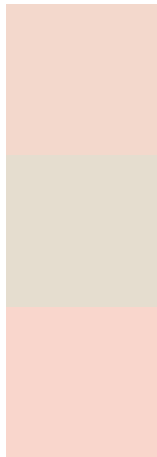
This preview shows how white text looks on a background with the YIQ color 222.7050, 19.9440,

1.9920.

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

222.7050, 19.9440, 1.9920

Protanopia

221.7960, 9.2620, -2.6580

Deuteranopia

223.3250, 24.0700, 4.3100



Tritanopia

224.1040, 14.8070, 12.4950

Trichromacy



Original Color

222.7050, 19.9440, 1.9920

Protanomaly

222.0030, 13.1130, -0.8630

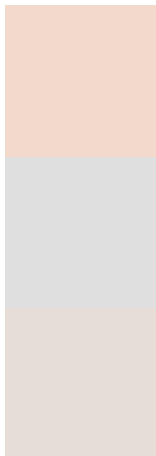
Deuteranomaly

223.3140, 22.6030, 3.3630

Tritanomaly

223.3660, 16.8250, 8.9610

Monochromacy



Original Color

222.7050, 19.9440, 1.9920

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.5340, 7.2440, 0.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.7050, 19.9440, 1.9920 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(243, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 204)  
}
```

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(243, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 204) }
```

Border

The CSS property to change the border of an element to YIQ 222.7050, 19.9440, 1.9920 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(243, 216, 204) }
```


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

```
.border{ border-color:rgb(243, 216, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 222.7050, 19.9440, 1.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 204) }
```

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

```
.background{ background-color: rgb(243,  
216, 204) }
```

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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