

Converting Colors

YIQ(222.0340, 20.9960, 15.9720)

Have a look what the booklet for
YIQ(222.0340, 20.9960, 15.9720)
contains.

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Color

**YIQ(222.0340, 20.9960,
15.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCEE2
RGB	252, 206, 226
RGB Percent	99%, 81%, 89%
CMY	0.0116, 0.1922, 0.1137
CMYK	0.00, 0.18, 0.10, 0.01
HSL	334°, 89%, 90%
HSV	334°, 18%, 99%
XYZ	75.9526, 70.3265, 81.5352
YIQ	222.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

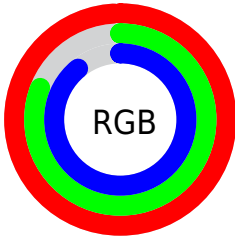
Format	Color
R _Y B	252, 206, 226
Decimal	16568034
CIE Lab	87.16, 19.34, -3.76
CIE LCh	87, 19.707, 348.997
Yxy	70.3265, 0.3334, 0.3087
Android (android.graphics.Color)	4294758114 (0xFFFCCEE2)
YUV	222.0340, 1.9552, 26.2802
Hunter-Lab	83.8609, 14.9105, 1.0569

Details

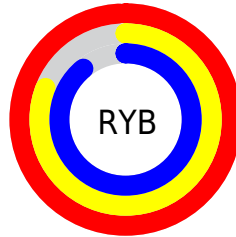
The YIQ color **222.0340, 20.9960, 15.9720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **235.9660, -20.9960, -15.9720**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.0230, 19.5290, 15.0250** is the 20% darker color. If you saturate the color by 10%, you get **205.7630, 32.3650, 24.6930**, and if you desaturate by 10%, it is **238.3050, 9.6270, 7.2510**.

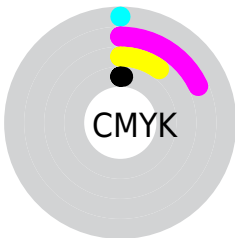
Distribution



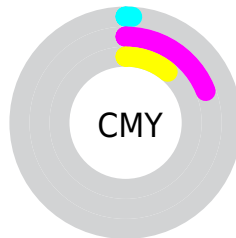
- Red (99%)
- Green (81%)
- Blue (89%)



- Red (99%)
- Yellow (81%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.0340, 20.9960, 15.9720 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 222.0340, 20.9960, 15.9720 by changing the saturation by 10% instead.

222.0340, 20.9960,
15.9720

222.0340, 20.9960,
15.9720

255.0000, -0.0000,
-0.0000

193.7350, 20.4000,
15.7600

167.0230, 19.5290,
15.0250

140.0230, 19.5290,
15.0250

114.4250, 18.3370,
14.6010

89.7130, 17.4660,
13.8660

66.0010, 16.5950,
13.1310

43.4030, 15.4030,

12.7070

■ 21.2180, 14.4860,
12.8060

■ 5.0830, 10.1320,
3.6040

■ 222.0340, 20.9960,
15.9720

■ 222.0340, 20.9960,
15.9720

■ 205.7630, 32.3650,
24.6930

■ 238.3050, 9.6270,
7.2510

■ 189.4920, 43.7340,
33.4140

■ 253.9890, -1.4670,
-0.9470

■ 172.5200, 55.6990,
42.3470

■ 254.1030, -1.7880,
-0.6360

■ 156.2490, 67.0680,
51.0680

■ 139.9780, 78.4370,
59.7890

■ 123.7070, 89.8060,
68.5100

■ 107.3220,
101.4960, 76.9200

■ 90.4640, 113.1400,
86.1640

■ 87.8880, 114.8820,
87.6340

Harmonies

Analogous

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



221.5360, 4.9030, 15.7750



222.0340, 20.9960, 15.9720



220.7650, 28.8830, 10.6990

Triad

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



222.0340, 20.9960, 15.9720



216.3690, 11.6020, -12.0300



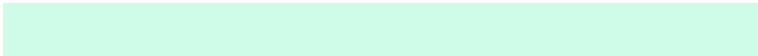
213.0200, -38.2830, -5.5390

Complementary

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



222.0340, 20.9960, 15.9720



235.9660, -20.9960, -15.9720

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.



211.4730, -35.4850, -12.1970



222.0340, 20.9960, 15.9720



214.1650, -5.4990, -15.9870

Square

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



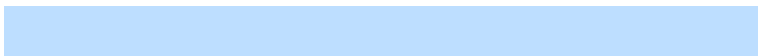
222.0340, 20.9960, 15.9720



218.7130, 25.4930, -4.9630



212.2970, -23.4260, -15.9860



215.8950, -30.2610, 3.2670

Rectangle

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



222.0340, 20.9960, 15.9720



220.6850, 31.8640, 6.2320



212.2970, -23.4260, -15.9860



212.1400, -38.7410, -8.2530

Sweetspot

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



222.0340, 20.9960, 15.9720



246.5710, 5.8220, 4.6220



218.7190, 0.1340, 19.6060



122.7340, 3.8050, 2.6290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

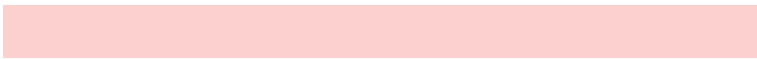
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.0340, 20.9960, 15.9720



218.4800, 25.6720, 19.3360



220.9280, 26.8660, 8.7060



116.5710, 5.8220, 4.6220



65.8590, 86.3220, 65.5700



21.3170, 27.6890, 21.3290

Inverse Universe

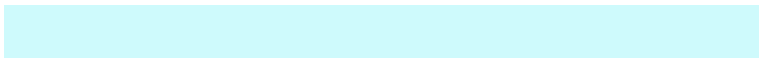
The Inverse Universe completely reimagines the original color for something new.



222.0340, 20.9960, 15.9720



218.4800, 25.6720, 19.3360



237.0720, -26.8660, -8.7060



116.5710, 5.8220, 4.6220



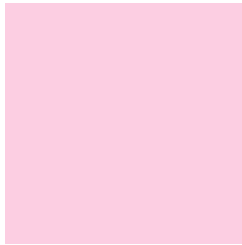
65.8590, 86.3220, 65.5700



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 222.0340, 20.9960, 15.9720 looks on a white background.

Color Contrast Check

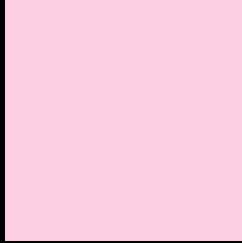
Large Text (above 18pt) WCAG AA × Fail

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 222.0340, 20.9960, 15.9720 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 222.0340, 20.9960, 15.9720

Background



This preview shows how black text looks on a background with the YIQ color 222.0340, 20.9960, 15.9720.



This preview shows how white text looks on a background with the YIQ color 222.0340, 20.9960,

15.9720.

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

222.0340, 20.9960, 15.9720

Protanopia

219.1230, -4.5400, 5.1880

Deuteranopia

220.9570, 10.7270, 9.3430



Tritanopia

222.2790, 21.6840, 14.5160

Trichromacy



Original Color

222.0340, 20.9960, 15.9720

Protanomaly

220.0210, 4.6750, 8.8910

Deuteranomaly

221.2780, 14.2570, 11.4490

Tritanomaly

222.3930, 21.3630, 14.8270

Monochromacy



Original Color

222.0340, 20.9960, 15.9720

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0340, 20.9960, 15.9720 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(252, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 206, 226)  
}
```

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(252, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 206, 226) }
```

Border

The CSS property to change the border of an element to YIQ 222.0340, 20.9960, 15.9720 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(252, 206, 226) }
```


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

```
.border{ border-color:rgb(252, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(252, 206,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0340, 20.9960, 15.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 206, 226) }
```

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

```
.background{ background-color: rgb(252,  
206, 226) }
```

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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