

Converting Colors

YIQ(222.0590, 27.8750, 6.9390)

Have a look what the booklet for
YIQ(222.0590, 27.8750, 6.9390)
contains.

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Color

**YIQ(222.0590, 27.8750,
6.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD2CB
RGB	253, 210, 203
RGB Percent	99%, 82%, 80%
CMY	0.0077, 0.1765, 0.2038
CMYK	0.00, 0.17, 0.20, 0.01
HSL	8°, 93%, 89%
HSV	8°, 20%, 99%
XYZ	74.3423, 71.2848, 66.3595
YIQ	222.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

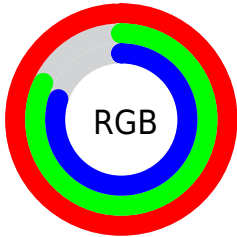
Format	Color
R _Y B	253, 211, 203
Decimal	16634571
CIE Lab	87.62, 14.03, 9.09
CIE LCh	88, 16.720, 32.943
Yxy	71.2848, 0.3507, 0.3363
Android (android.graphics.Color)	4294824651 (0xFFFD2CB)
YUV	222.0590, -9.3961, 27.1353
Hunter-Lab	84.4303, 9.4190, 12.5012

Details

The YIQ color $222.0590, 27.8750, 6.9390$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $233.9410, -27.8750, -6.9390$, 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 $166.5750, 26.3620, 6.8260$ is the 20% darker color. If you saturate the color by 10%, you get $206.2950, 41.9500, 10.6700$, and if you desaturate by 10%, it is $237.8230, 13.8000, 3.2080$.

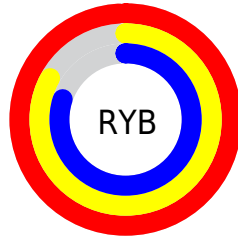
Distribution



Red (99%)

Green (82%)

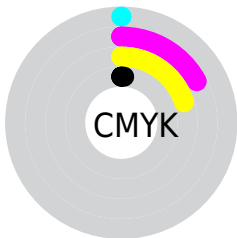
Blue (80%)



Red (99%)

Yellow (83%)

Blue (80%)

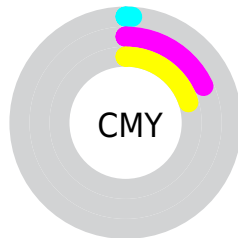


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.0590, 27.8750, 6.9390 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 222.0590, 27.8750, 6.9390 by changing the saturation by 10% instead.


 222.0590, 27.8750,
6.9390


 222.0590, 27.8750,
6.9390


255.0000, -0.0000,
-0.0000


 193.8740, 26.9580,
7.0380

 166.5750, 26.3620,
6.8260

 139.9770, 25.1700,
6.4020

 114.3790, 23.9780,
5.9780

 89.8950, 22.4650,
5.8650

 66.2970, 21.2730,
5.4410

 43.5140, 19.1640,

5.1160

■ 21.7590, 19.8520,
3.6600

■ 2.9900, 5.9600,
2.1200

■ 222.0590, 27.8750,
6.9390

■ 222.0590, 27.8750,
6.9390

■ 206.2950, 41.9500,
10.6700

■ 237.8230, 13.8000,
3.2080

■ 190.4170, 56.3460,
14.0900

■ 253.7010, -0.5960,
-0.2120

■ 175.2400, 70.1460,
17.2980

■ 254.4020, -1.1920,
-0.4240

■ 159.4760, 84.2210,
21.0290

■ 143.7120, 98.2960,
24.7600

■ 127.8340,
112.6920, 28.1800

■ 112.6570,
126.4920, 31.3880

■ 96.8930, 140.5670,
35.1190

■ 96.1920, 141.1630,
35.3310

Harmonies

Analogous

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



222.9970, 22.4180, 12.2260



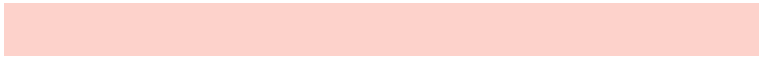
222.0590, 27.8750, 6.9390



220.7610, 25.5380, -0.2700

Triad

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



222.0590, 27.8750, 6.9390



215.5110, -12.2850, -14.1490



218.7500, -19.4870, 6.2490

Complementary

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



222.0590, 27.8750, 6.9390



233.9410, -27.8750, -6.9390

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.



216.1460, -29.7100, -1.2140



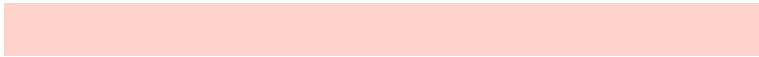
222.0590, 27.8750, 6.9390



214.0350, -25.4440, -12.4520

Square

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



222.0590, 27.8750, 6.9390



217.1770, 3.3950, -11.9730



214.2610, -31.7720, -7.9000



221.5240, -3.9910, 11.7610

Rectangle

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



222.0590, 27.8750, 6.9390



219.3750, 20.6330, -4.9910



214.2610, -31.7720, -7.9000



218.1300, -23.6130, 3.9310

Sweetspot

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



222.0590, 27.8750, 6.9390



245.6590, 8.3900, 2.1340



222.8520, 15.9970, 23.9730



122.2780, 5.0890, 1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

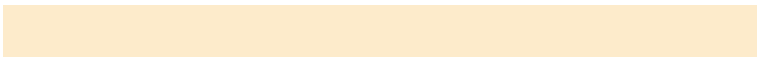
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.0590, 27.8750, 6.9390



216.9350, 34.1560, 8.7480



236.7340, 21.0000, -6.1360



120.0610, 7.1980, 1.7100



72.9580, 106.4110, 26.3710



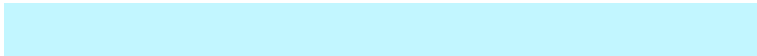
24.4190, 35.6690, 8.8610

Inverse Universe

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



233.9410, -27.8750, -6.9390



231.4780, -33.8810, -8.2250



219.2660, -21.0000, 6.1360



122.9390, -7.1980, -1.7100



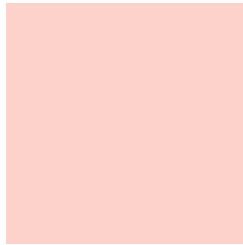
118.6290, -106.6860, -26.8940



39.5810, -35.6690, -8.8610

Previews

White Background



This preview shows how the YIQ color 222.0590, 27.8750, 6.9390 looks on a white background.

Color Contrast Check

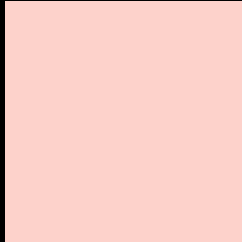
Large Text (above 18pt) WCAG AA × Fail

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 222.0590, 27.8750, 6.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

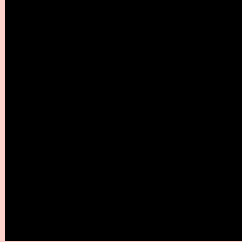
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.0590, 27.8750, 6.9390

Background



This preview shows how black text looks on a background with the YIQ color 222.0590, 27.8750, 6.9390.



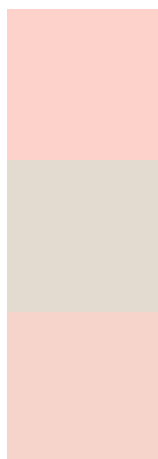
This preview shows how white text looks on a background with the YIQ color 222.0590, 27.8750,

6.9390.

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

222.0590, 27.8750, 6.9390

Protanopia

220.1380, 8.2990, -1.7250

Deuteranopia

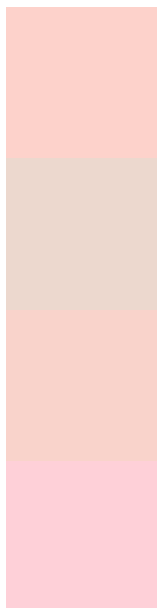
221.4390, 23.7490, 4.6210



Tritanopia

223.1760, 23.4720, 15.1520

Trichromacy



Original Color

222.0590, 27.8750, 6.9390

Protanomaly

220.8400, 15.1300, 1.1300

Deuteranomaly

221.4500, 25.2160, 5.5680

Tritanomaly

222.6660, 24.8480, 12.2400

Monochromacy



Original Color

222.0590, 27.8750, 6.9390

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1430, 9.9030, 2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0590, 27.8750, 6.9390 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(253, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 203)  
}
```

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(253, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 203) }
```

Border

The CSS property to change the border of an element to YIQ 222.0590, 27.8750, 6.9390 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(253, 210, 203) }
```


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

```
.border{ border-color:rgb(253, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0590, 27.8750, 6.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 203) }
```

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

```
.background{ background-color: rgb(253,  
210, 203) }
```

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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