

Converting Colors

YIQ(203.8900, 39.1970, 22.0210)

Have a look what the booklet for
YIQ(203.8900, 39.1970, 22.0210)
contains.

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Color

**YIQ(203.8900, 39.1970,
22.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C6
RGB	255, 179, 198
RGB Percent	100%, 70%, 78%
CMY	0.0000, 0.2981, 0.2234
CMYK	0.00, 0.30, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 30%, 100%
XYZ	67.5509, 57.5663, 60.9989
YIQ	203.8900, 39.1970, 22.0210

Conversions

Conversions Part 2

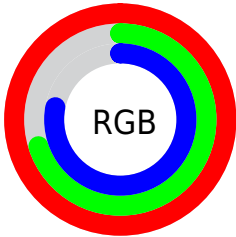
Format	Color
R _Y B	255, 179, 198
Decimal	16757702
CIE Lab	80.50, 30.27, 1.50
CIE LCh	80, 30.306, 2.839
Yxy	57.5663, 0.3630, 0.3093
Android (android.graphics.Color)	4294947782 (0xFFFFB3C6)
YUV	203.8900, -2.9038, 44.8235
Hunter-Lab	75.8725, 26.1456, 5.4436

Details

The YIQ color $203.8900, 39.1970, 22.0210$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.1100, -39.1970, -22.0210$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $149.2810, 36.5380, 20.6500$ is the 20% darker color. If you saturate the color by 10%, you get $186.4620, 52.4460, 29.7100$, and if you desaturate by 10%, it is $220.7310, 26.2230, 14.8550$.

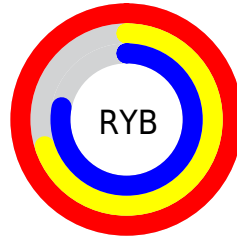
Distribution



Red (100%)

Green (70%)

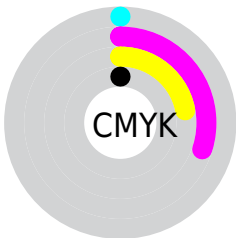
Blue (78%)



Red (100%)

Yellow (70%)

Blue (78%)

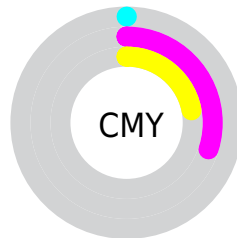


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.8900, 39.1970, 22.0210 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 203.8900, 39.1970, 22.0210 by changing the saturation by 10% instead.

 203.8900, 39.1970,
22.0210


 203.8900, 39.1970,
22.0210


255.0000, -0.0000,
-0.0000


 176.2920, 38.0050,
21.5970


 243.2600, 5.5000,
10.4600

 148.6940, 36.8130,
21.1730

 122.7970, 35.0250,
20.5370

 96.9000, 33.2370,
19.9010

 72.3020, 32.0450,
19.4770

 47.9320, 30.2110,
19.6750

 23.0890, 28.3310,

20.7070

■ 13.2700, 25.9030,
9.6390

■ 0.0000, 0.0000,
0.0000

■ 203.8900, 39.1970,
22.0210

■ 203.8900, 39.1970,
22.0210

■ 186.4620, 52.4460,
29.7100

■ 220.7310, 26.2230,
14.8550

■ 169.6210, 65.4200,
36.8760

■ 238.1590, 12.9740,
7.1660

■ 152.1930, 78.6690,
44.5650

255.0000, -0.0000,
-0.0000

■ 135.3520, 91.6430,
51.7310

■ 117.9240,
104.8920, 59.4200

■ 100.9690,
118.1870, 66.2750

■ 83.5410, 131.4360,
73.9640

Harmonies

Analogous

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



204.3470, 18.9770, 25.0330



203.8900, 39.1970, 22.0210



202.4590, 47.3600, 11.7440

Triad

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



203.8900, 39.1970, 22.0210



194.7500, 5.7350, -21.3450



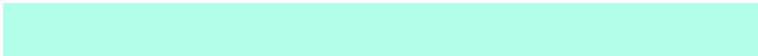
190.8250, -59.6030, -4.6190

Complementary

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



203.8900, 39.1970, 22.0210



230.1100, -39.1970, -22.0210

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.



185.8100, -64.4150, -16.5350



203.8900, 39.1970, 22.0210



190.7990, -22.3240, -24.9480

Square

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



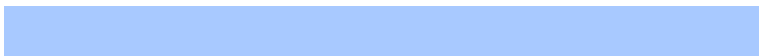
203.8900, 39.1970, 22.0210



198.2970, 29.3000, -13.3880



187.4940, -49.1460, -23.4340



197.2890, -37.0020, 9.7980

Rectangle

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



203.8900, 39.1970, 22.0210



201.1180, 46.5820, 3.8140



187.4940, -49.1460, -23.4340



188.7380, -63.9120, -9.1280

Sweetspot

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



203.8900, 39.1970, 22.0210



239.5610, 11.7820, 6.7420



204.4080, 8.9800, 35.5080



117.9410, 7.6560, 4.4240



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.



203.8900, 39.1970, 22.0210



193.1300, 47.4490, 26.6570



212.2900, 40.3460, 6.6980



119.2290, 6.7850, 3.6890



62.5810, 98.4280, 55.4200



20.9600, 33.0080, 18.5440

Inverse Universe

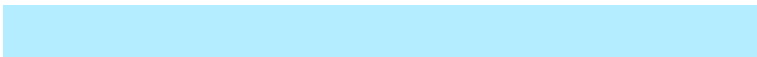
The Inverse Universe completely reimagines the original color for something new.



203.8900, 39.1970, 22.0210



193.1300, 47.4490, 26.6570



221.7100, -40.3460, -6.6980



119.2290, 6.7850, 3.6890



62.5810, 98.4280, 55.4200



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 203.8900, 39.1970, 22.0210 looks on a white background.

Color Contrast Check

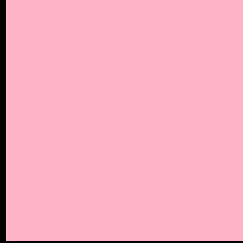
Large Text (above 18pt) WCAG AA × Fail

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 203.8900, 39.1970, 22.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

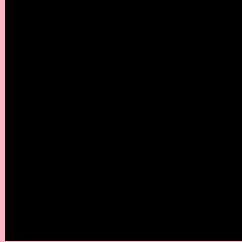
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.8900, 39.1970, 22.0210

Background



This preview shows how black text looks on a background with the YIQ color 203.8900, 39.1970, 22.0210.



This preview shows how white text looks on a background with the YIQ color 203.8900, 39.1970,

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

203.8900, 39.1970, 22.0210

Protanopia

200.8520, -2.3390, 3.8450

Deuteranopia

202.1870, 15.7710, 6.0350



Tritanopia

203.6080, 39.9310, 19.7310

Trichromacy



Original Color

203.8900, 39.1970, 22.0210

Protanomaly

202.2670, 12.7900, 10.5020

Deuteranomaly

202.9540, 23.9770, 11.5050

Tritanomaly

203.8360, 39.2890, 20.3530

Monochromacy



Original Color

203.8900, 39.1970, 22.0210

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1700, 14.4410, 8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8900, 39.1970, 22.0210 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, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 198)  
}
```

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, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 198) }
```

Border

The CSS property to change the border of an element to YIQ 203.8900, 39.1970, 22.0210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

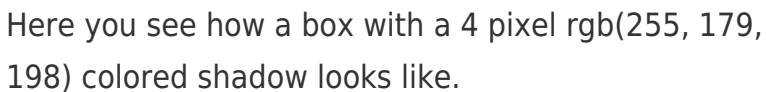
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 198) }
```


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

```
.border{ border-color:rgb(255, 179, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 179, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 179, 198); box-shadow:4px 4px 4px 4px rgb(255, 179, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8900, 39.1970, 22.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 198) }
```

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

```
.background{ background-color: rgb(255,  
179, 198) }
```

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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