

Converting Colors

YIQ(203.9690, 28.7890, 23.4210)

Have a look what the booklet for
YIQ(203.9690, 28.7890, 23.4210)
contains.

YIQ(203.9690, 28.7890, 23.4210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(203.9690, 28.7890,
23.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B5D4
RGB	246, 181, 212
RGB Percent	96%, 71%, 83%
CMY	0.0351, 0.2903, 0.1685
CMYK	0.00, 0.26, 0.14, 0.04
HSL	331°, 78%, 84%
HSV	331°, 26%, 96%
XYZ	66.4265, 57.3922, 69.8793
YIQ	203.9690, 28.7890, 23.4210

Conversions

Conversions Part 2

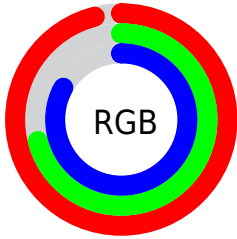
Format	Color
R _Y B	246, 181, 212
Decimal	16168404
CIE Lab	80.40, 28.20, -6.31
CIE LCh	80, 28.896, 347.390
Yxy	57.3922, 0.3429, 0.2963
Android (android.graphics.Color)	4294358484 (0xFFFF6B5D4)
YUV	203.9690, 3.9593, 36.8612
Hunter-Lab	75.7576, 23.9383, -1.6592

Details

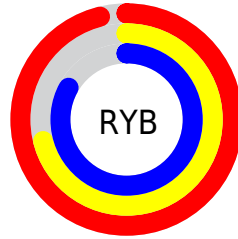
The YIQ color $203.9690, 28.7890, 23.4210$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.0310, -28.7890, -23.4210$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $149.5450, 27.0470, 21.9510$ is the 20% darker color. If you saturate the color by 10%, you get $187.8120, 39.8370, 32.4530$, and if you desaturate by 10%, it is $220.1260, 17.7410, 14.3890$.

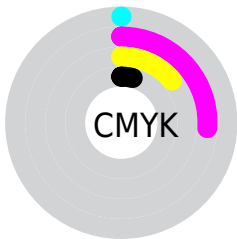
Distribution



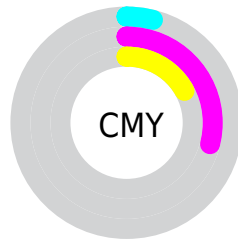
- Red (96%)
- Green (71%)
- Blue (83%)



- Red (96%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.9690, 28.7890, 23.4210 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 203.9690, 28.7890, 23.4210 by changing the saturation by 10% instead.


 203.9690, 28.7890,
23.4210


 203.9690, 28.7890,
23.4210


255.0000, -0.0000,
-0.0000


 176.2570, 27.9180,
22.6860


 244.4340, 4.9500,
9.4140

 149.5450, 27.0470,
21.9510

 122.9470, 25.8550,
21.5270

 97.3490, 24.6630,
21.1030

 72.7510, 23.4710,
20.6790

 49.1530, 22.2790,
20.2550

 25.0820, 21.0410,

20.6650

■ 13.5990, 17.7870,
13.5550

■ 0.0000, 0.0000,
0.0000

■ 203.9690, 28.7890,
23.4210

■ 203.9690, 28.7890,
23.4210

■ 187.8120, 39.8370,
32.4530

■ 220.1260, 17.7410,
14.3890

■ 172.2420, 50.6100,
40.9620

■ 235.6960, 6.9680,
5.8800

■ 156.0850, 61.6580,
49.9940

■ 251.8530, -4.0800,
-3.1520

■ 140.6290, 72.1100,
58.8140

■ 252.3090, -5.3640,
-1.9080

■ 124.4720, 83.1580,
67.8460

■ 108.3150, 94.2060,
76.8780

■ 92.7450, 104.9790,
85.3870

■ 86.8920, 109.0590,
88.5390

Harmonies

Analogous

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



203.3500, 5.7270, 22.8710



203.9690, 28.7890, 23.4210



202.9950, 43.0950, 17.4550

Triad

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



203.9690, 28.7890, 23.4210



196.7300, 17.6550, -17.1050



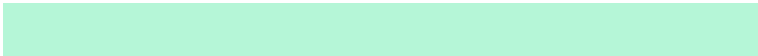
188.6520, -60.7940, -10.5700

Complementary

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



203.9690, 28.7890, 23.4210



223.0310, -28.7890, -23.4210

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.



187.1930, -55.4280, -19.7160



203.9690, 28.7890, 23.4210



193.1660, -7.2400, -22.9840

Square

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



203.9690, 28.7890, 23.4210



199.4060, 36.5430, -6.9850



189.3940, -34.2450, -23.6610



194.0980, -46.9500, 2.8580

Rectangle

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



203.9690, 28.7890, 23.4210



201.9210, 45.9390, 9.9630



189.3940, -34.2450, -23.6610



187.2450, -61.2060, -14.1180

Sweetspot

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



203.9690, 28.7890, 23.4210



242.0060, 9.0310, 7.0390



198.5760, -0.6010, 27.4230



119.5710, 5.8220, 4.6220



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.



203.9690, 28.7890, 23.4210



201.9640, 36.3530, 29.5130



201.0220, 38.4650, 13.2570



114.2720, 5.2260, 4.4100



65.7600, 82.2870, 67.1110



20.8330, 26.1760, 21.2160

Inverse Universe

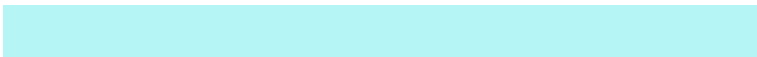
The Inverse Universe completely reimagines the original color for something new.



203.9690, 28.7890, 23.4210



201.9640, 36.3530, 29.5130



225.9780, -38.4650, -13.2570



114.2720, 5.2260, 4.4100



65.7600, 82.2870, 67.1110



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 203.9690, 28.7890, 23.4210 looks on a white background.

Color Contrast Check

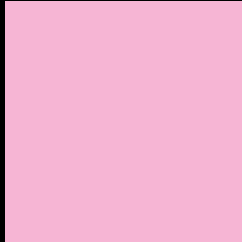
Large Text (above 18pt) WCAG AA × Fail

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 203.9690, 28.7890, 23.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

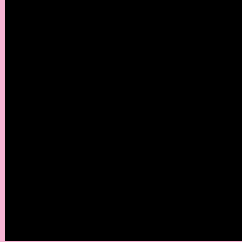
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.9690, 28.7890, 23.4210

Background



This preview shows how black text looks on a background with the YIQ color 203.9690, 28.7890, 23.4210.



This preview shows how white text looks on a background with the YIQ color 203.9690, 28.7890,

23.4210.

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

203.9690, 28.7890, 23.4210

Protanopia

200.5510, -8.6210, 7.5630

Deuteranopia

202.1030, 7.3800, 9.4280



Tritanopia

202.9490, 31.5410, 17.5970

Trichromacy



Original Color

203.9690, 28.7890, 23.4210

Protanomaly

201.9550, 5.0410, 13.2730

Deuteranomaly

202.5710, 14.9900, 14.6860

Tritanomaly

203.2310, 30.8070, 19.8870

Monochromacy



Original Color

203.9690, 28.7890, 23.4210

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1310, 10.1770, 8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.9690, 28.7890, 23.4210 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(246, 181, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 181, 212)  
}
```

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(246, 181, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 181, 212) }
```

Border

The CSS property to change the border of an element to YIQ 203.9690, 28.7890, 23.4210 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(246, 181, 212) }
```


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

```
.border{ border-color:rgb(246, 181, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 181, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 181, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 181, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 181,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 203.9690, 28.7890, 23.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 181, 212) }
```

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

```
.background{ background-color: rgb(246,  
181, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor