

Converting Colors

YIQ(223.9680, 12.1940, 10.2900)

Have a look what the booklet for
YIQ(223.9680, 12.1940, 10.2900)
contains.

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Color

**YIQ(223.9680, 12.1940,
10.2900)**

Conversions

Conversions Part 1	
Format	Color
Hex	F2D6E4
RGB	242, 214, 228
RGB Percent	95%, 84%, 89%
CMY	0.0509, 0.1608, 0.1058
CMYK	0.00, 0.12, 0.06, 0.05
HSL	330°, 52%, 89%
HSV	330°, 12%, 95%
XYZ	74.6731, 72.5698, 83.4774
YIQ	223.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

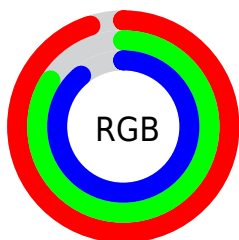
Format	Color
RYB	242, 214, 228
Decimal	15914724
CIELab	88.24, 12.05, -3.32
CIELCh	88, 12.495, 344.588
Yxy	72.5698, 0.3237, 0.3145
Android (android.graphics.Color)	4294104804 (0xFFFF2D6E4)
YUV	223.9680, 1.9878, 15.8141
Hunter-Lab	85.1879, 7.3887, 1.5320

Details

The YIQ color $223.9680, 12.1940, 10.2900$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.0320, -12.1940, -10.2900$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.6690, 11.5980, 10.0780$ is the 20% darker color. If you saturate the color by 10%, you get $208.5120, 22.6460, 19.1100$, and if you desaturate by 10%, it is $239.4240, 1.7420, 1.4700$.

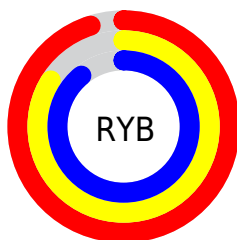
Distribution



Red (95%)

Green (84%)

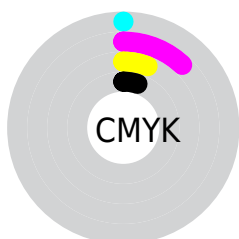
Blue (89%)



Red (95%)

Yellow (84%)

Blue (89%)

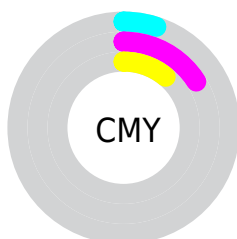


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (5%)



Cyan (5%)

Magenta (16%)


Yellow (11%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 223.9680, 12.1940, 10.2900 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 223.9680, 12.1940, 10.2900 by changing the saturation by 10% instead.


 223.9680, 12.1940,
10.2900


 223.9680, 12.1940,
10.2900


255.0000, -0.0000,
-0.0000


 195.9680, 12.1940,
10.2900

 168.6690, 11.5980,
10.0780

 142.2560, 11.3230,
9.5550


 116.5440, 10.4520,
8.8200


 91.6580, 10.1310,
9.1310


 68.2450, 9.8560,
8.6080


 45.6470, 8.6640,


8.1840


 24.9350, 7.7930,
7.4490


 3.4030, 6.2350,
2.6430

 223.9680, 12.1940,
10.2900


 223.9680, 12.1940,
10.2900


 208.5120, 22.6460,
19.1100


 239.4240, 1.7420,
1.4700

 193.0560, 33.0980,
27.9300

 250.7710, -6.7850,
-3.6890

 177.0130, 43.8250,
37.2730

 251.1130, -7.7480,
-2.7560

 161.5570, 54.2770,
46.0930

■ 146.1010, 64.7290,
54.9130

■ 130.5310, 75.5020,
63.4220

■ 115.0750, 85.9540,
72.2420

■ 99.0320, 96.6810,
81.5850

■ 86.1520, 105.3910,
88.9350

Harmonies

Analogous

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



223.5800, 1.6030, 9.4990



223.9680, 12.1940, 10.2900



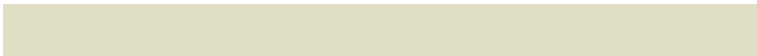
223.5080, 19.3010, 8.1410

Triad

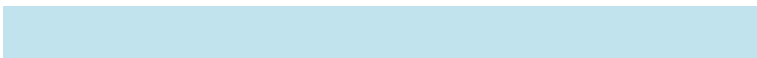
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.9680, 12.1940, 10.2900



220.1610, 9.4920, -6.8280



218.0880, -23.7950, -3.7870

Complementary

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



223.9680, 12.1940, 10.2900



232.0320, -12.1940, -10.2900

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.



217.7090, -21.4100, -8.4660



223.9680, 12.1940, 10.2900



219.0070, -1.8780, -10.0220

Square

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



223.9680, 12.1940, 10.2900



221.5150, 17.4230, -1.8810



217.8470, -13.1110, -10.1910



219.7020, -19.5320, 1.5560

Rectangle

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



223.9680, 12.1940, 10.2900



223.1830, 21.5940, 5.1300



217.8470, -13.1110, -10.1910



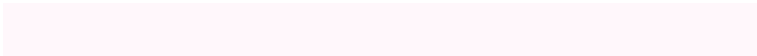
217.9200, -23.3820, -5.7660

Sweetspot

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



223.9680, 12.1940, 10.2900



249.8480, 3.4840, 2.9400



221.3780, -0.6440, 11.6760



124.1360, 2.6130, 2.2050



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.



223.9680, 12.1940, 10.2900



231.8160, 15.6780, 13.2300



222.3720, 16.6880, 5.9360



112.2720, 5.2260, 4.4100



65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Inverse Universe

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



223.9680, 12.1940, 10.2900



231.8160, 15.6780, 13.2300



233.6280, -16.6880, -5.9360



112.2720, 5.2260, 4.4100



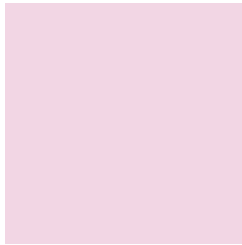
65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 223.9680, 12.1940, 10.2900 looks on a white background.

Color Contrast Check

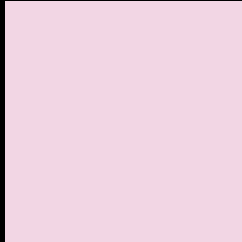
Large Text (above 18pt) WCAG AA × Fail

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 223.9680, 12.1940, 10.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

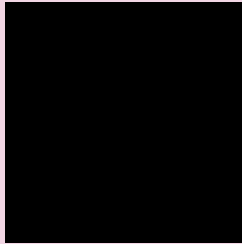
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.9680, 12.1940, 10.2900

Background



This preview shows how black text looks on a background with the YIQ color 223.9680, 12.1940, 10.2900.

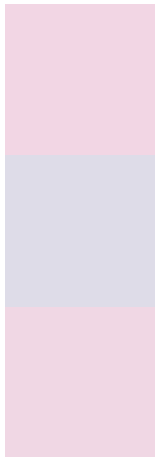


This preview shows how white text looks on a background with the YIQ color 223.9680, 12.1940,

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

223.9680, 12.1940, 10.2900

Protanopia

221.9660, -2.6600, 4.1560

Deuteranopia

223.9570, 10.7270, 9.3430



Tritanopia

224.1960, 11.5520, 10.9120

Trichromacy



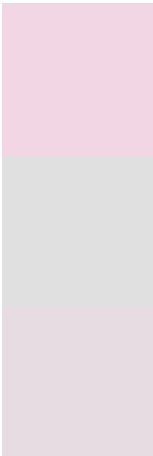
Original Color
223.9680, 12.1940, 10.2900

Protanomaly
222.7710, 2.3830, 6.3750

Deuteranomaly
224.2560, 11.3230, 9.5550

Tritanomaly
224.0820, 11.8730, 10.6010

Monochromacy



Original Color
223.9680, 12.1940, 10.2900

Achromatopsia
224.0000, -0.0000, 0.0000

Achromatomaly
223.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9680, 12.1940, 10.2900 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(242, 214, 228) looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 228)  
}
```

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(242, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 228) }
```

Border

The CSS property to change the border of an element to YIQ 223.9680, 12.1940, 10.2900 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(242, 214, 228) }
```


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

```
.border{ border-color:rgb(242, 214, 228) }
```

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

Here you see how a box with a 4 pixel rgb(242, 214, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9680, 12.1940, 10.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 228) }
```

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

```
.background{ background-color: rgb(242,  
214, 228) }
```

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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