

Converting Colors

YIQ(203.0810, 22.7820, 27.6620)

Have a look what the booklet for
YIQ(203.0810, 22.7820, 27.6620)
contains.

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Color

**YIQ(203.0810, 22.7820,
27.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3E1
RGB	242, 179, 225
RGB Percent	95%, 70%, 88%
CMY	0.0508, 0.2981, 0.1176
CMYK	0.00, 0.26, 0.07, 0.05
HSL	316°, 71%, 83%
HSV	316°, 26%, 95%
XYZ	66.3409, 56.5519, 78.6632
YIQ	203.0810, 22.7820, 27.6620

Conversions

Conversions Part 2

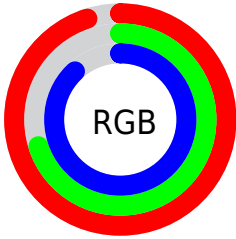
Format	Color
R_{YB}	242, 179, 225
Decimal	15905761
CIE _{Lab}	79.93, 30.05, -14.07
CIE _{LCh}	80, 33.177, 334.910
Yxy	56.5519, 0.3291, 0.2806
Android (android.graphics.Color)	4294095841 (0xFFFF2B3E1)
YUV	203.0810, 10.8061, 34.1320
Hunter-Lab	75.2010, 25.8675, -9.3790

Details

The YIQ color $203.0810, 22.7820, 27.6620$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $217.9190, -22.7820, -27.6620$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $148.6570, 21.0400, 26.1920$ is the 20% darker color. If you saturate the color by 10%, you get $188.1950, 31.6290, 38.0370$, and if you desaturate by 10%, it is $217.9670, 13.9350, 17.2870$.

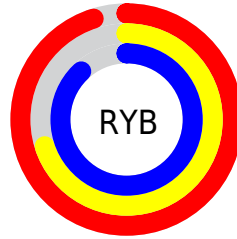
Distribution



Red (95%)

Green (70%)

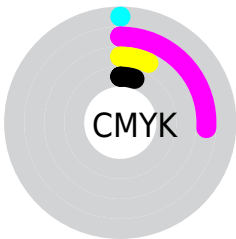
Blue (88%)



Red (95%)

Yellow (70%)

Blue (88%)

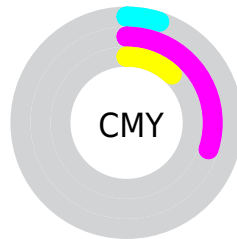


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (5%)



Cyan (5%)


Magenta (30%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.0810, 22.7820, 27.6620 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 203.0810, 22.7820, 27.6620 by changing the saturation by 10% instead.

 203.0810, 22.7820,
27.6620


 203.0810, 22.7820,
27.6620


255.0000, -0.0000,
-0.0000


 175.3690, 21.9110,
26.9270


 243.2600, 5.5000,
10.4600

 148.6570, 21.0400,
26.1920

 122.2440, 20.7650,
25.6690

 96.6460, 19.5730,
25.2450

 71.9340, 18.7020,
24.5100

 48.2220, 17.8310,
23.7750

 24.4500, 17.1890,

24.3970

■ 14.1410, 13.3850,
16.2410

■ 0.0000, 0.0000,
0.0000

■ 203.0810, 22.7820,
27.6620

■ 203.0810, 22.7820,
27.6620

■ 188.1950, 31.6290,
38.0370

■ 217.9670, 13.9350,
17.2870

■ 173.4230, 40.1550,
48.7230

■ 232.7390, 5.4090,
6.6010

■ 157.9500, 49.2770,
59.6210

■ 248.2120, -3.7130,
-4.2970

■ 143.1780, 57.8030,
70.3070

■ 250.6570, -6.4640,
-4.0000

■ 128.2920, 66.6500,
80.6820

■ 251.1130, -7.7480,
-2.7560

■ 113.5200, 75.1760,
91.3680

■ 98.6340, 84.0230,
101.7430

■ 92.5360, 87.4150,
106.3510

Harmonies

Analogous

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



201.2330, -7.0650, 23.4230



203.0810, 22.7820, 27.6620



201.0860, 41.5810, 22.8690

Triad

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



203.0810, 22.7820, 27.6620



196.0150, 30.0340, -15.6780



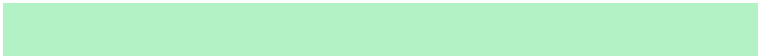
181.6670, -74.3180, -18.7820

Complementary

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



203.0810, 22.7820, 27.6620



217.9190, -22.7820, -27.6620

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.



183.0200, -56.6190, -25.6670



203.0810, 22.7820, 27.6620



192.3860, 3.7640, -24.1720

Square

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



203.0810, 22.7820, 27.6620



198.4290, 46.9040, -2.0240



187.8800, -27.0460, -27.4780



187.4160, -65.7010, -4.2370

Rectangle

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



203.0810, 22.7820, 27.6620



199.9800, 47.4510, 15.6030



187.8800, -27.0460, -27.4780



181.5270, -71.1080, -21.8920

Sweetspot

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



203.0810, 22.7820, 27.6620



242.5760, 7.4260, 8.5940



191.2650, -10.0910, 23.1970



119.9130, 4.8590, 5.5550



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.



203.0810, 22.7820, 27.6620



206.2330, 28.4660, 34.7860



199.5470, 32.7330, 18.0210



112.6140, 4.2630, 5.3430



70.2920, 66.6500, 80.6820



21.4180, 20.2150, 24.6230

Inverse Universe

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



203.0810, 22.7820, 27.6620



206.2330, 28.4660, 34.7860



221.4530, -32.7330, -18.0210



112.6140, 4.2630, 5.3430



70.2920, 66.6500, 80.6820



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 203.0810, 22.7820, 27.6620 looks on a white background.

Color Contrast Check

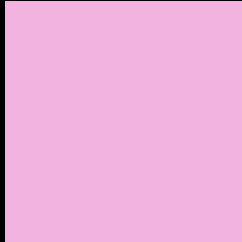
Large Text (above 18pt) WCAG AA × Fail

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 203.0810, 22.7820, 27.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

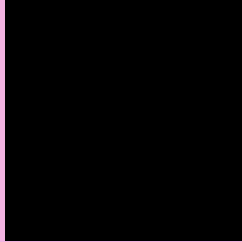
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.0810, 22.7820, 27.6620

Background



This preview shows how black text looks on a background with the YIQ color 203.0810, 22.7820, 27.6620.



This preview shows how white text looks on a background with the YIQ color 203.0810, 22.7820,

27.6620.

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

203.0810, 22.7820, 27.6620

Protanopia

199.4670, -17.0120, 10.9560

Deuteranopia

200.4920, -0.9650, 11.9870



Tritanopia

202.0410, 28.2860, 16.0140

Trichromacy



Original Color

203.0810, 22.7820, 27.6620



Protanomaly

200.5830, -2.4790, 17.4010



Deuteranomaly

201.5580, 7.8370, 17.6690



Tritanomaly

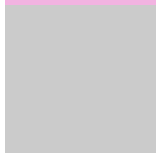
202.3060, 26.2220, 20.3820

Monochromacy



Original Color

203.0810, 22.7820, 27.6620



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

202.8150, 8.2510, 10.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.0810, 22.7820, 27.6620 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, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 225)  
}
```

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, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 225) }
```

Border

The CSS property to change the border of an element to YIQ 203.0810, 22.7820, 27.6620 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, 179, 225) }
```


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

```
.border{ border-color:rgb(242, 179, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 203.0810, 22.7820, 27.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 225) }
```

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

```
.background{ background-color: rgb(242,  
179, 225) }
```

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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