

Converting Colors

YIQ(212.3820, 29.0640, 23.9440)

Have a look what the booklet for
YIQ(212.3820, 29.0640, 23.9440)
contains.

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Color

**YIQ(212.3820, 29.0640,
23.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDDD
RGB	255, 189, 221
RGB Percent	100%, 74%, 87%
CMY	0.0000, 0.2589, 0.1332
CMYK	0.00, 0.26, 0.13, 0.00
HSL	331°, 100%, 87%
HSV	331°, 26%, 100%
XYZ	72.4859, 62.8650, 76.7365
YIQ	212.3820, 29.0640, 23.9440

Conversions

Conversions Part 2

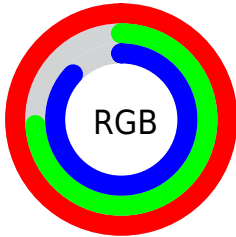
Format	Color
R_{YB}	255, 189, 221
Decimal	16760285
CIE _{Lab}	83.37, 28.49, -6.65
CIE _{LCh}	83, 29.258, 346.857
Yxy	62.8650, 0.3418, 0.2964
Android (android.graphics.Color)	4294950365 (0xFFFFBDDD)
YUV	212.3820, 4.2487, 37.3760
Hunter-Lab	79.2874, 24.4346, -1.8812

Details

The YIQ color $212.3820, 29.0640, 23.9440$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.6180, -29.0640, -23.9440$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $157.0720, 27.0010, 22.7850$ is the 20% darker color. If you saturate the color by 10%, you get $195.6380, 40.3870, 33.4990$, and if you desaturate by 10%, it is $228.5390, 18.0160, 14.9120$.

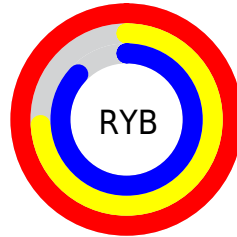
Distribution



Red (100%)

Green (74%)

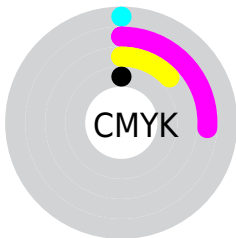
Blue (87%)



Red (100%)

Yellow (74%)

Blue (87%)

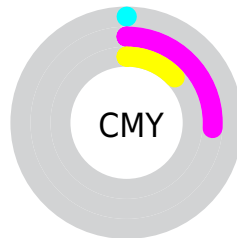


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3820, 29.0640, 23.9440 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 212.3820, 29.0640, 23.9440 by changing the saturation by 10% instead.


 212.3820, 29.0640,
23.9440

 212.3820, 29.0640,
23.9440


255.0000, -0.0000,
-0.0000


 184.6700, 28.1930,
23.2090


 249.7170, 2.4750,
4.7070

 157.0720, 27.0010,
22.7850

 130.7730, 26.4050,
22.5730

 105.0610, 25.5340,
21.8380

 80.1640, 23.7460,
21.2020

 56.4520, 22.8750,
20.4670

 32.3810, 21.6370,

20.8770

■ 15.5930, 17.9240,
16.5800

■ 0.0000, 0.0000,
0.0000

■ 212.3820, 29.0640,
23.9440

■ 212.3820, 29.0640,
23.9440

■ 195.6380, 40.3870,
33.4990

■ 228.5390, 18.0160,
14.9120

■ 179.4810, 51.4350,
42.5310

■ 245.2830, 6.6930,
5.3570

■ 162.7370, 62.7580,
52.0860

255.0000, -0.0000,
-0.0000

■ 146.5800, 73.8060,
61.1180

■ 129.7220, 85.4500,
70.3620

■ 113.5650, 96.4980,
79.3940

■ 96.8210, 107.8210,
88.9490

■ 90.3810, 112.1760,
92.6240

Harmonies

Analogous

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



212.1650, 4.8100, 22.9700



212.3820, 29.0640, 23.9440



208.6030, 38.3270, 15.7590

Triad

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



212.3820, 29.0640, 23.9440



204.9150, 18.5720, -17.2040



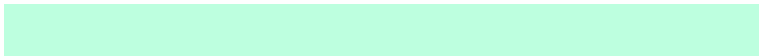
196.4670, -61.7110, -10.4710

Complementary

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



212.3820, 29.0640, 23.9440



231.6180, -29.0640, -23.9440

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.



194.8940, -56.0240, -19.9280



212.3820, 29.0640, 23.9440



201.3510, -6.3230, -23.0830

Square

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



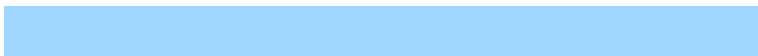
212.3820, 29.0640, 23.9440



207.7050, 37.1390, -6.7730



197.2800, -33.9240, -23.9720



201.9300, -46.5370, 0.8790

Rectangle

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



212.3820, 29.0640, 23.9440



208.4260, 42.9590, 8.9030



197.2800, -33.9240, -23.9720



195.6470, -62.3980, -14.5420

Sweetspot

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



212.3820, 29.0640, 23.9440



242.1200, 8.7100, 7.3500



206.3910, -1.5180, 27.5220



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.



212.3820, 29.0640, 23.9440



203.9530, 34.8860, 28.5660



208.7340, 39.3360, 13.9920



119.5710, 5.8220, 4.6220



67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Inverse Universe

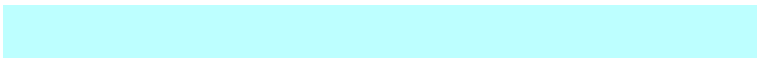
The Inverse Universe completely reimagines the original color for something new.



212.3820, 29.0640, 23.9440



203.9530, 34.8860, 28.5660



235.2660, -39.3360, -13.9920



119.5710, 5.8220, 4.6220



67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 212.3820, 29.0640, 23.9440 looks on a white background.

Color Contrast Check

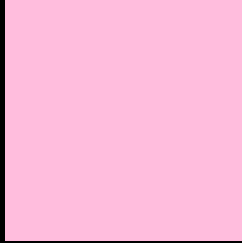
Large Text (above 18pt) WCAG AA × Fail

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 212.3820, 29.0640, 23.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

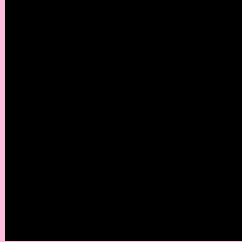
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3820, 29.0640, 23.9440

Background



This preview shows how black text looks on a background with the YIQ color 212.3820, 29.0640, 23.9440.



This preview shows how white text looks on a background with the YIQ color 212.3820, 29.0640,

23.9440.

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

212.3820, 29.0640, 23.9440

Protanopia

209.2520, -9.2170, 7.3510

Deuteranopia

210.2170, 7.0590, 9.7390



Tritanopia

211.2480, 32.1370, 17.8090

Trichromacy



Original Color

212.3820, 29.0640, 23.9440



Protanomaly

210.0690, 4.7200, 13.5840



Deuteranomaly

210.9840, 15.2650, 15.2090



Tritanomaly

211.5300, 31.4030, 20.0990

Monochromacy



Original Color

212.3820, 29.0640, 23.9440



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.4300, 10.7730, 8.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3820, 29.0640, 23.9440 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, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 221)  
}
```

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, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 221) }
```

Border

The CSS property to change the border of an element to YIQ 212.3820, 29.0640, 23.9440 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, 189, 221) }
```


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

```
.border{ border-color:rgb(255, 189, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3820, 29.0640, 23.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 221) }
```

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

```
.background{ background-color: rgb(255,  
189, 221) }
```

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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