

Converting Colors

YIQ(203.6920, 31.1270, 25.1030)

Have a look what the booklet for
YIQ(203.6920, 31.1270, 25.1030)
contains.

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Color

**YIQ(203.6920, 31.1270,
25.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B3D4
RGB	249, 179, 212
RGB Percent	98%, 70%, 83%
CMY	0.0233, 0.2981, 0.1685
CMYK	0.00, 0.28, 0.15, 0.02
HSL	332°, 85%, 84%
HSV	332°, 28%, 98%
XYZ	67.0850, 57.1317, 69.7956
YIQ	203.6920, 31.1270, 25.1030

Conversions

Conversions Part 2

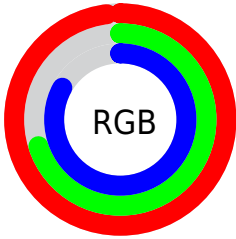
Format	Color
R_{YB}	249, 179, 212
Decimal	16364500
CIE _{Lab}	80.25, 30.29, -6.49
CIE _{LCh}	80, 30.978, 347.904
Yxy	57.1317, 0.3458, 0.2945
Android (android.graphics.Color)	4294554580 (0xFFF9B3D4)
YUV	203.6920, 4.0958, 39.7351
Hunter-Lab	75.5855, 26.1508, -1.8385

Details

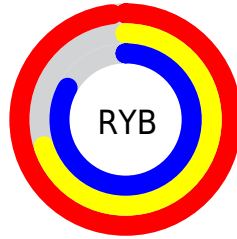
The YIQ color $203.6920, 31.1270, 25.1030$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $224.3080, -31.1270, -25.1030$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $149.2680, 29.3850, 23.6330$ is the 20% darker color. If you saturate the color by 10%, you get $187.5350, 42.1750, 34.1350$, and if you desaturate by 10%, it is $219.8490, 20.0790, 16.0710$.

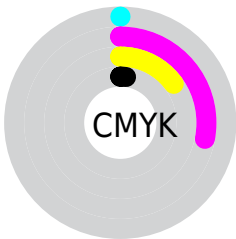
Distribution



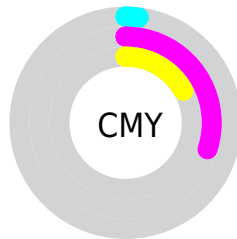
- Red (98%)
- Green (70%)
- Blue (83%)



- Red (98%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.6920, 31.1270, 25.1030 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 203.6920, 31.1270, 25.1030 by changing the saturation by 10% instead.


 203.6920, 31.1270,
25.1030


 203.6920, 31.1270,
25.1030


255.0000, -0.0000,
-0.0000

 175.9800, 30.2560,
24.3680

 243.2600, 5.5000,
10.4600

 149.2680, 29.3850,
23.6330

 122.6700, 28.1930,
23.2090

 97.0720, 27.0010,
22.7850

 72.4740, 25.8090,
22.3610

 48.5770, 24.0210,
21.7250

 23.9190, 23.0580,

22.6580

■ 14.1970, 18.9790,
13.9790

■ 0.0000, 0.0000,
0.0000

■ 203.6920, 31.1270,
25.1030

■ 203.6920, 31.1270,
25.1030

■ 187.5350, 42.1750,
34.1350

■ 219.8490, 20.0790,
16.0710

■ 171.3780, 53.2230,
43.1670

■ 236.0060, 9.0310,
7.0390

■ 155.2210, 64.2710,
52.1990

■ 252.2770, -2.3380,
-1.6820

■ 138.9500, 75.6400,
60.9200

■ 253.2060, -3.5760,
-1.2720

■ 122.7930, 86.6880,
69.9520

■ 107.2230, 97.4610,
78.4610

■ 91.0660, 108.5090,
87.4930

■ 87.7890, 110.8470,
89.1750

Harmonies

Analogous

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



203.2900, 5.9560, 24.2280



203.6920, 31.1270, 25.1030



201.5930, 44.2870, 17.8790

Triad

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



203.6920, 31.1270, 25.1030



195.9750, 18.3430, -18.5610



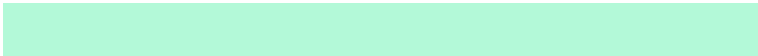
186.3030, -67.1210, -11.5450

Complementary

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



203.6920, 31.1270, 25.1030



224.3080, -31.1270, -25.1030

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.



184.6160, -61.1130, -21.3130



203.6920, 31.1270, 25.1030



192.0410, -8.3860, -24.2420

Square

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



203.6920, 31.1270, 25.1030



198.6620, 38.6980, -7.4940



187.7850, -36.9040, -25.0320



193.0590, -51.2140, 3.0420

Rectangle

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



203.6920, 31.1270, 25.1030



201.3020, 49.2400, 10.7120



187.7850, -36.9040, -25.0320



185.4830, -67.8080, -15.6160

Sweetspot

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



203.6920, 31.1270, 25.1030



242.0060, 9.0310, 7.0390



197.7440, -1.0140, 29.4020



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.



203.6920, 31.1270, 25.1030



198.6870, 38.6910, 31.1950



200.5170, 41.4450, 14.3170



116.5710, 5.8220, 4.6220



66.6570, 84.0750, 67.7470



21.5450, 27.0470, 21.9510

Inverse Universe

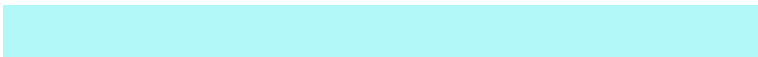
The Inverse Universe completely reimagines the original color for something new.



203.6920, 31.1270, 25.1030



198.6870, 38.6910, 31.1950



227.4830, -41.4450, -14.3170



116.5710, 5.8220, 4.6220



66.6570, 84.0750, 67.7470



21.5450, 27.0470, 21.9510

Previews

White Background



This preview shows how the YIQ color 203.6920, 31.1270, 25.1030 looks on a white background.

Color Contrast Check

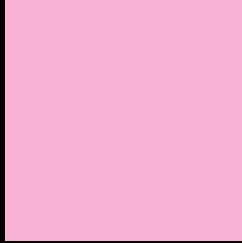
Large Text (above 18pt) WCAG AA × Fail

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 203.6920, 31.1270, 25.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

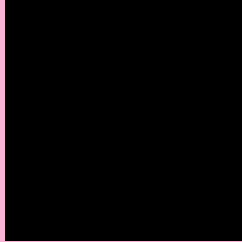
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.6920, 31.1270, 25.1030

Background



This preview shows how black text looks on a background with the YIQ color 203.6920, 31.1270, 25.1030.



This preview shows how white text looks on a background with the YIQ color 203.6920, 31.1270,

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

203.6920, 31.1270, 25.1030

Protanopia

200.3660, -9.5380, 7.6620

Deuteranopia

201.1030, 7.3800, 9.4280



Tritanopia

203.0310, 34.2460, 18.1340

Trichromacy



Original Color

203.6920, 31.1270, 25.1030



Protanomaly

201.4820, 4.9950, 14.1070



Deuteranomaly

202.1690, 16.1820, 15.1100



Tritanomaly

203.4270, 33.1910, 20.7350

Monochromacy



Original Color

203.6920, 31.1270, 25.1030



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.6920, 31.1270, 25.1030 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(249, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 179, 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(249, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 179, 212) }
```

Border

The CSS property to change the border of an element to YIQ 203.6920, 31.1270, 25.1030 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(249, 179, 212) }
```


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

```
.border{ border-color:rgb(249, 179, 212) }
```

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

Here you see how a box with a 4 pixel rgb(249, 179, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 179,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 203.6920, 31.1270, 25.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 179, 212) }
```

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

```
.background{ background-color: rgb(249,  
179, 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](#).

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