

Converting Colors

YIQ(202.9410, 25.9920, 24.5520)

Have a look what the booklet for
YIQ(202.9410, 25.9920, 24.5520)
contains.

YIQ(202.9410, 25.9920, 24.5520)	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(202.9410, 25.9920,
24.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B4D8
RGB	243, 180, 216
RGB Percent	95%, 71%, 85%
CMY	0.0469, 0.2942, 0.1529
CMYK	0.00, 0.26, 0.11, 0.05
HSL	326°, 73%, 83%
HSV	326°, 26%, 95%
XYZ	65.6904, 56.6532, 72.4517
YIQ	202.9410, 25.9920, 24.5520

Conversions

Conversions Part 2

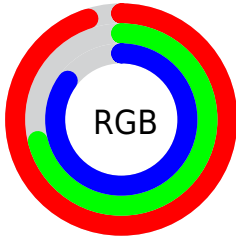
Format	Color
R _Y B	243, 180, 216
Decimal	15971544
CIE Lab	79.98, 28.35, -9.12
CIE LCh	80, 29.775, 342.172
Yxy	56.6532, 0.3372, 0.2908
Android (android.graphics.Color)	4294161624 (0xFFF3B4D8)
YUV	202.9410, 6.4381, 35.1317
Hunter-Lab	75.2683, 24.0662, -4.3834

Details

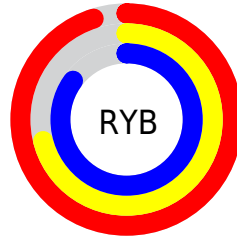
The YIQ color **202.9410, 25.9920, 24.5520** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220.0590, -25.9920, -24.5520**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **243.8470, 5.2250, 9.9370**, and **148.5170, 24.2500, 23.0820** is the 20% darker color. If you saturate the color by 10%, you get **187.7130, 35.8020, 33.9940**, and if you desaturate by 10%, it is **218.1690, 16.1820, 15.1100**.

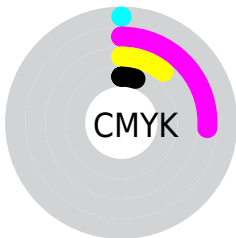
Distribution



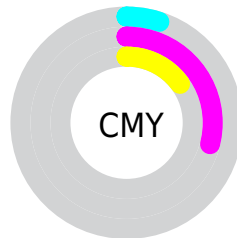
- Red (95%)
- Green (71%)
- Blue (85%)



- Red (95%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.9410, 25.9920, 24.5520 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 202.9410, 25.9920, 24.5520 by changing the saturation by 10% instead.


 202.9410, 25.9920,
24.5520


 202.9410, 25.9920,
24.5520


255.0000, -0.0000,
-0.0000


 175.2290, 25.1210,
23.8170


 243.8470, 5.2250,
9.9370

 148.5170, 24.2500,
23.0820

 122.2180, 23.6540,
22.8700

 96.6200, 22.4620,
22.4460

 72.4950, 21.3160,
21.1880

 48.3100, 20.3990,
21.2870

 24.2390, 19.1610,

21.6970

■ 13.6420, 16.2280,
14.2760

■ 0.0000, 0.0000,
0.0000

■ 202.9410, 25.9920,
24.5520

■ 202.9410, 25.9920,
24.5520

■ 187.7130, 35.8020,
33.9940

■ 218.1690, 16.1820,
15.1100

■ 171.7840, 46.2080,
43.6480

■ 234.0980, 5.7760,
5.4560

■ 156.5560, 56.0180,
53.0900

■ 249.3260, -4.0340,
-3.9860

■ 141.2140, 66.1490,
62.2210

■ 251.4120, -7.1520,
-2.5440

■ 125.3990, 76.2340,
72.1860

■ 110.1710, 86.0440,
81.6280

■ 94.8290, 96.1750,
90.7590

■ 88.5030, 100.2090,
94.7450

Harmonies

Analogous

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



202.0120, 0.8670, 22.8430



202.9410, 25.9920, 24.5520



201.8640, 42.0860, 19.2220

Triad

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



202.9410, 25.9920, 24.5520



195.7090, 22.1480, -15.9320



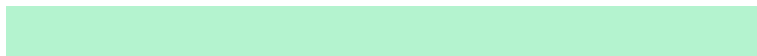
186.2170, -64.0030, -12.9870

Complementary

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



202.9410, 25.9920, 24.5520



220.0590, -25.9920, -24.5520

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.



185.3240, -54.4190, -21.4830



202.9410, 25.9920, 24.5520



192.5040, -2.3800, -22.9560

Square

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



202.9410, 25.9920, 24.5520



198.4280, 39.4770, -5.0910



188.6070, -30.5310, -24.8910



191.5810, -52.8640, -0.0960

Rectangle

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



202.9410, 25.9920, 24.5520



200.6870, 46.7180, 12.3660



188.6070, -30.5310, -24.8910



184.9950, -63.4980, -16.6340

Sweetspot

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



202.9410, 25.9920, 24.5520



242.2340, 8.3890, 7.6610



194.9560, -4.7270, 25.1050



119.6850, 5.5010, 4.9330



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.



202.9410, 25.9920, 24.5520



204.7510, 32.6390, 30.7430



199.4070, 35.9430, 14.9110



114.3860, 4.9050, 4.7210



67.6980, 76.8300, 72.3980



21.5170, 24.2500, 23.0820

Inverse Universe

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



202.9410, 25.9920, 24.5520



204.7510, 32.6390, 30.7430



223.5930, -35.9430, -14.9110



114.3860, 4.9050, 4.7210



67.6980, 76.8300, 72.3980



21.5170, 24.2500, 23.0820

Previews

White Background



This preview shows how the YIQ color 202.9410, 25.9920, 24.5520 looks on a white background.

Color Contrast Check

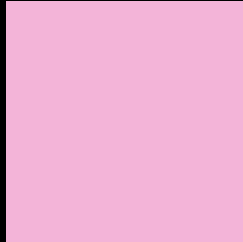
Large Text (above 18pt) WCAG AA × Fail

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 202.9410, 25.9920, 24.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

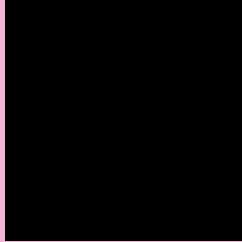
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.9410, 25.9920, 24.5520

Background



This preview shows how black text looks on a background with the YIQ color 202.9410, 25.9920, 24.5520.



This preview shows how white text looks on a background with the YIQ color 202.9410, 25.9920,

24.5520.

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

202.9410, 25.9920, 24.5520

Protanopia

199.5230, -11.4180, 8.6940

Deuteranopia

200.7760, 3.9870, 10.3470



Tritanopia

201.9380, 30.0740, 16.6500

Trichromacy



Original Color

202.9410, 25.9920, 24.5520

Protanomaly

200.9270, 2.2440, 14.4040

Deuteranomaly

201.5430, 12.1930, 15.8170

Tritanomaly

202.4480, 28.6980, 19.5620

Monochromacy



Original Color

202.9410, 25.9920, 24.5520

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.3590, 9.5350, 8.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9410, 25.9920, 24.5520 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(243, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 180, 216)  
}
```

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(243, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 180, 216) }
```

Border

The CSS property to change the border of an element to YIQ 202.9410, 25.9920, 24.5520 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(243, 180, 216) }
```


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

```
.border{ border-color:rgb(243, 180, 216) }
```

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

Here you see how a box with a 4 pixel rgb(243, 180, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 180,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9410, 25.9920, 24.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 180, 216) }
```

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

```
.background{ background-color: rgb(243,  
180, 216) }
```

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