

Converting Colors

YIQ(202.1370, 28.3760, 25.4000)

Have a look what the booklet for
YIQ(202.1370, 28.3760, 25.4000)
contains.

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Color

**YIQ(202.1370, 28.3760,
25.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B2D6
RGB	245, 178, 214
RGB Percent	96%, 70%, 84%
CMY	0.0390, 0.3020, 0.1607
CMYK	0.00, 0.27, 0.13, 0.04
HSL	328°, 77%, 83%
HSV	328°, 27%, 96%
XYZ	65.7275, 56.1066, 70.9982
YIQ	202.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

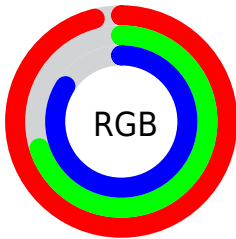
Format	Color
R _Y B	245, 178, 214
Decimal	16102102
CIE Lab	79.67, 29.76, -8.47
CIE LCh	80, 30.947, 344.107
Yxy	56.1066, 0.3409, 0.2910
Android (android.graphics.Color)	4294292182 (0xFFFF5B2D6)
YUV	202.1370, 5.8485, 37.5909
Hunter-Lab	74.9043, 25.5488, -3.7651

Details

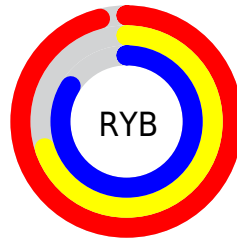
The YIQ color $202.1370, 28.3760, 25.4000$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.8630, -28.3760, -25.4000$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6730, 5.7750, 10.9830$, and $147.7130, 26.6340, 23.9300$ is the 20% darker color. If you saturate the color by 10%, you get $186.2080, 38.7820, 35.0540$, and if you desaturate by 10%, it is $217.4790, 18.2450, 16.2690$.

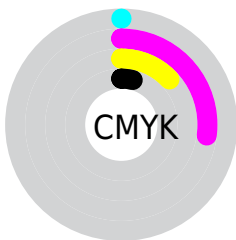
Distribution



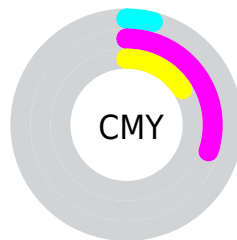
- Red (96%)
- Green (70%)
- Blue (84%)



- Red (96%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.1370, 28.3760, 25.4000 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 202.1370, 28.3760, 25.4000 by changing the saturation by 10% instead.


 202.1370, 28.3760,
25.4000


 202.1370, 28.3760,
25.4000


255.0000, -0.0000,
-0.0000


 174.4250, 27.5050,
24.6650


 242.6730, 5.7750,
10.9830

 147.7130, 26.6340,
23.9300

 121.1150, 25.4420,
23.5060

 95.5170, 24.2500,
23.0820

 70.9190, 23.0580,
22.6580

 47.3210, 21.8660,
22.2340

 23.5490, 21.2240,

22.8560

■ 13.4140, 16.8700,
13.6540

■ 0.0000, 0.0000,
0.0000

■ 202.1370, 28.3760,
25.4000

■ 202.1370, 28.3760,
25.4000

■ 186.2080, 38.7820,
35.0540

■ 217.4790, 18.2450,
16.2690

■ 170.7520, 49.2340,
43.8740

■ 233.5220, 7.5180,
6.9260

■ 154.8230, 59.6400,
53.5280

■ 248.8640, -2.6130,
-2.2050

■ 139.4810, 69.7710,
62.6590

■ 252.0100, -5.9600,
-2.1200

■ 123.4380, 80.4980,
72.0020

■ 108.0960, 90.6290,
81.1330

■ 92.1670, 101.0350,
90.7870

■ 88.3030, 103.6480,
92.9920

Harmonies

Analogous

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



201.3220, 2.9300, 24.0020



202.1370, 28.3760, 25.4000



200.6470, 44.1950, 19.5470

Triad

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



202.1370, 28.3760, 25.4000



194.4700, 21.3230, -17.5010



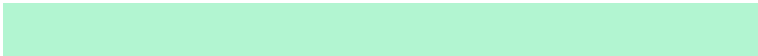
184.3630, -67.3500, -12.9020

Complementary

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



202.1370, 28.3760, 25.4000



220.8630, -28.3760, -25.4000

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.



183.6440, -58.3160, -22.4440



202.1370, 28.3760, 25.4000



191.1940, -4.4430, -24.1150

Square

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



202.1370, 28.3760, 25.4000



197.2000, 40.1190, -5.7130



186.6390, -33.5570, -25.1170



190.9230, -53.8270, 0.8370

Rectangle

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



202.1370, 28.3760, 25.4000



199.9430, 48.8730, 11.8570



186.6390, -33.5570, -25.1170



183.1410, -66.8450, -16.5490

Sweetspot

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



202.1370, 28.3760, 25.4000



242.2340, 8.3890, 7.6610



194.6080, -3.6270, 27.1970



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.



202.1370, 28.3760, 25.4000



201.2460, 35.6190, 31.8030



198.3750, 38.9690, 15.1370



114.3860, 4.9050, 4.7210



67.0140, 78.7560, 70.5320



21.2890, 24.8920, 22.4600

Inverse Universe

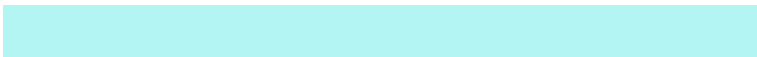
The Inverse Universe completely reimagines the original color for something new.



202.1370, 28.3760, 25.4000



201.2460, 35.6190, 31.8030



224.6250, -38.9690, -15.1370



114.3860, 4.9050, 4.7210



67.0140, 78.7560, 70.5320



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 202.1370, 28.3760, 25.4000 looks on a white background.

Color Contrast Check

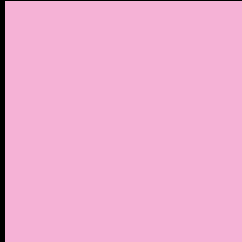
Large Text (above 18pt) WCAG AA × Fail

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 202.1370, 28.3760, 25.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

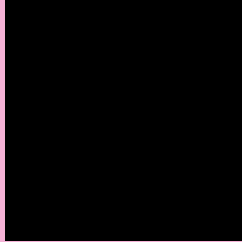
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.1370, 28.3760, 25.4000

Background



This preview shows how black text looks on a background with the YIQ color 202.1370, 28.3760, 25.4000.



This preview shows how white text looks on a background with the YIQ color 202.1370, 28.3760,

25.4000.

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

202.1370, 28.3760, 25.4000

Protanopia

198.5230, -11.4180, 8.6940

Deuteranopia

199.8470, 5.2250, 9.9370



Tritanopia

201.1340, 32.4580, 17.4980

Trichromacy



Original Color

202.1370, 28.3760, 25.4000



Protanomaly

199.6390, 3.1150, 15.1390



Deuteranomaly

200.6140, 13.4310, 15.4070



Tritanomaly

201.6440, 31.0820, 20.4100

Monochromacy



Original Color

202.1370, 28.3760, 25.4000



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.1370, 28.3760, 25.4000 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(245, 178, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 214)  
}
```

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(245, 178, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 214) }
```

Border

The CSS property to change the border of an element to YIQ 202.1370, 28.3760, 25.4000 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(245, 178, 214) }
```


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

```
.border{ border-color:rgb(245, 178, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 178, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 202.1370, 28.3760, 25.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 214) }
```

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

```
.background{ background-color: rgb(245,  
178, 214) }
```

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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