

Converting Colors

YIQ(205.6460, 28.7410, 35.3090)

Have a look what the booklet for
YIQ(205.6460, 28.7410, 35.3090)
contains.

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Color

**YIQ(205.6460, 28.7410,
35.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFEA
RGB	255, 175, 234
RGB Percent	100%, 69%, 92%
CMY	0.0000, 0.3138, 0.0823
CMYK	0.00, 0.31, 0.08, 0.00
HSL	316°, 100%, 84%
HSV	316°, 31%, 100%
XYZ	71.4172, 57.8484, 85.2568
YIQ	205.6460, 28.7410, 35.3090

Conversions

Conversions Part 2

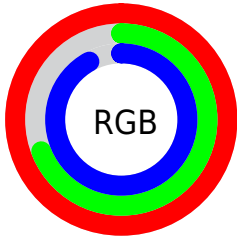
Format	Color
R _Y B	255, 175, 234
Decimal	16756714
CIE Lab	80.65, 37.95, -17.69
CIE LCh	81, 41.869, 335.000
Yxy	57.8484, 0.3329, 0.2697
Android (android.graphics.Color)	4294946794 (0xFFFFAFE9)
YUV	205.6460, 13.9785, 43.2835
Hunter-Lab	76.0582, 34.5065, -13.2200

Details

The YIQ color $205.6460, 28.7410, 35.3090$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $224.3540, -28.7410, -35.3090$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $150.2220, 26.9990, 33.8390$ is the 20% darker color. If you saturate the color by 10%, you get $189.5860, 38.1380, 46.7300$, and if you desaturate by 10%, it is $221.1190, 19.6190, 24.4110$.

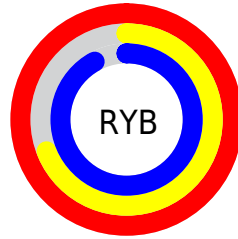
Distribution



Red (100%)

Green (69%)

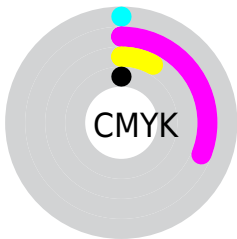
Blue (92%)



Red (100%)

Yellow (69%)

Blue (92%)

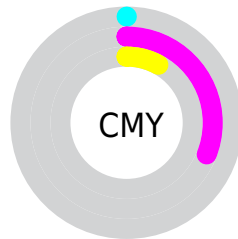


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.6460, 28.7410, 35.3090 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 205.6460, 28.7410, 35.3090 by changing the saturation by 10% instead.


 205.6460, 28.7410,
35.3090


 205.6460, 28.7410,
35.3090


255.0000, -0.0000,
-0.0000


 177.9340, 27.8700,
34.5740


 240.9120, 6.6000,
12.5520

 150.2220, 26.9990,
33.8390

 123.5100, 26.1280,
33.1040

 97.7980, 25.2570,
32.3690

 72.2000, 24.0650,
31.9450

 46.4280, 23.4230,
32.5670

 25.1780, 21.1310,

30.0510

■ 16.5050, 15.3560,
19.0680

■ 0.4560, -1.2840,
1.2440

■ 205.6460, 28.7410,
35.3090

■ 205.6460, 28.7410,
35.3090

■ 189.5860, 38.1380,
46.7300

■ 221.1190, 19.6190,
24.4110

■ 174.2270, 46.9390,
57.9390

■ 237.0650, 10.5430,
12.6790

■ 158.1670, 56.3360,
69.3600

■ 252.5380, 1.4210,
1.7810

■ 142.6940, 65.4580,
80.2580

■ 255.0000, -0.0000,
-0.0000

■ 126.7480, 74.5340,
91.9900

■ 111.2750, 83.6560,
102.8880

■ 97.6770, 91.6320,
112.5280

Harmonies

Analogous

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



203.1130, -6.6070, 26.1370



205.6460, 28.7410, 35.3090



198.2650, 42.6350, 25.7950

Triad

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



205.6460, 28.7410, 35.3090



196.9740, 37.2790, -20.3290



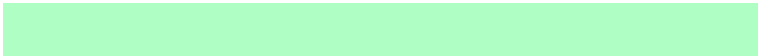
167.7200, -117.3680, -31.5440

Complementary

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



205.6460, 28.7410, 35.3090



224.3540, -28.7410, -35.3090

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.



176.2340, -81.0090, -35.1930



205.6460, 28.7410, 35.3090



192.4690, 4.7280, -30.6320

Square

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



205.6460, 28.7410, 35.3090



199.6490, 57.9080, -3.2120



185.7600, -35.7560, -34.8280



179.8150, -89.1740, -13.8620

Rectangle

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



205.6460, 28.7410, 35.3090



196.4750, 50.4310, 16.6630



185.7600, -35.7560, -34.8280



168.7330, -110.2150, -34.5270

Sweetspot

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



205.6460, 28.7410, 35.3090



240.8150, 8.2510, 10.1630



190.1000, -13.7600, 29.1200



118.7390, 5.4090, 6.6010



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.



205.6460, 28.7410, 35.3090



195.2110, 34.7000, 42.9560



201.2000, 41.2600, 23.1800



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Inverse Universe

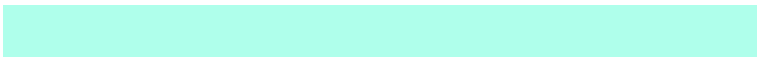
The Inverse Universe completely reimagines the original color for something new.



205.6460, 28.7410, 35.3090



195.2110, 34.7000, 42.9560



228.8000, -41.2600, -23.1800



119.9130, 4.8590, 5.5550



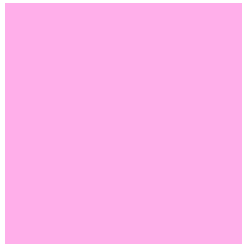
73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 205.6460, 28.7410, 35.3090 looks on a white background.

Color Contrast Check

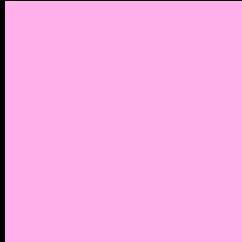
Large Text (above 18pt) WCAG AA × Fail

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 205.6460, 28.7410, 35.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

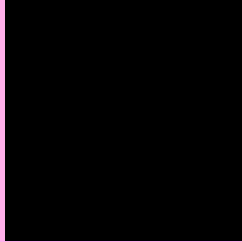
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.6460, 28.7410, 35.3090

Background



This preview shows how black text looks on a background with the YIQ color 205.6460, 28.7410, 35.3090.



This preview shows how white text looks on a background with the YIQ color 205.6460, 28.7410,

35.3090.

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

205.6460, 28.7410, 35.3090

Protanopia

201.5250, -22.9270, 13.5290

Deuteranopia

202.8660, -4.9540, 12.6940



Tritanopia

203.9280, 36.0340, 18.7700

Trichromacy



Original Color

205.6460, 28.7410, 35.3090



Protanomaly

202.7340, -4.2220, 21.4580



Deuteranomaly

203.6660, 7.6530, 21.0050



Tritanomaly

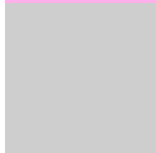
204.3610, 33.5570, 25.1170

Monochromacy



Original Color

205.6460, 28.7410, 35.3090



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.0650, 10.5430, 12.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.6460, 28.7410, 35.3090 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, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 234)  
}
```

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, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 234) }
```

Border

The CSS property to change the border of an element to YIQ 205.6460, 28.7410, 35.3090 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, 175, 234) }
```


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

```
.border{ border-color:rgb(255, 175, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 205.6460, 28.7410, 35.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 234) }
```

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

```
.background{ background-color: rgb(255,  
175, 234) }
```

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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