

Converting Colors

YIQ(196.4360, 38.1400, 35.6760)

Have a look what the booklet for
YIQ(196.4360, 38.1400, 35.6760)
contains.

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Color

**YIQ(196.4360, 38.1400,
35.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D7
RGB	255, 163, 215
RGB Percent	100%, 64%, 84%
CMY	0.0000, 0.3609, 0.1567
CMYK	0.00, 0.36, 0.16, 0.00
HSL	326°, 100%, 82%
HSV	326°, 36%, 100%
XYZ	66.5997, 52.3485, 70.9031
YIQ	196.4360, 38.1400, 35.6760

Conversions

Conversions Part 2

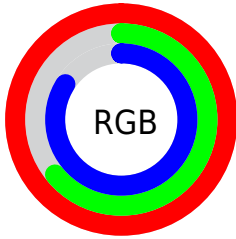
Format	Color
R _Y B	255, 163, 215
Decimal	16753623
CIE Lab	77.49, 41.13, -12.17
CIE LCh	77, 42.893, 343.523
Yxy	52.3485, 0.3508, 0.2757
Android (android.graphics.Color)	4294943703 (0xFFFFA3D7)
YUV	196.4360, 9.1521, 51.3606
Hunter-Lab	72.3522, 37.6916, -7.4560

Details

The YIQ color $196.4360, 38.1400, 35.6760$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $221.5640, -38.1400, -35.6760$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $141.7130, 35.8020, 33.9940$ is the 20% darker color. If you saturate the color by 10%, you get $179.9200, 48.8210, 45.8530$, and if you desaturate by 10%, it is $212.3650, 27.7340, 26.0220$.

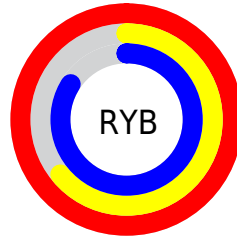
Distribution



Red (100%)

Green (64%)

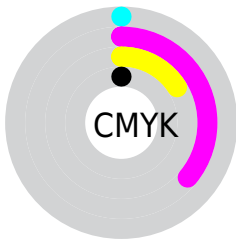
Blue (84%)



Red (100%)

Yellow (64%)

Blue (84%)

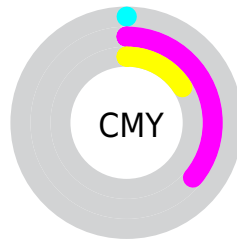


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4360, 38.1400, 35.6760 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 196.4360, 38.1400, 35.6760 by changing the saturation by 10% instead.


 196.4360, 38.1400,
35.6760


 196.4360, 38.1400,
35.6760


255.0000, -0.0000,
-0.0000


 168.7240, 37.2690,
34.9410


 233.8680, 9.9000,
18.8280


 141.1260, 36.0770,
34.5170

 250.8910, 1.9250,
3.6610

 115.1150, 34.6100,
33.5700

 88.6310, 33.0970,
33.4570

 62.4460, 32.1800,
33.5560

 33.2660, 32.8670,
37.6270

 22.9840, 24.4330,

25.2730

■ 14.0120, 18.0620,
14.0780

■ 0.0000, 0.0000,
0.0000

■ 196.4360, 38.1400,
35.6760

■ 196.4360, 38.1400,
35.6760

■ 179.9200, 48.8210,
45.8530

■ 212.3650, 27.7340,
26.0220

■ 163.9910, 59.2270,
55.5070

■ 228.8810, 17.0530,
15.8450

■ 147.4750, 69.9080,
65.6840

■ 244.8100, 6.6470,
6.1910

■ 131.5460, 80.3140,
75.3380

■ 255.0000, -0.0000,
-0.0000

■ 115.0300, 90.9950,
85.5150

■ 99.1010, 101.4010,
95.1690

■ 92.6610, 105.7560,
98.8440

Harmonies

Analogous

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



196.5920, 2.4700, 32.3420



196.4360, 38.1400, 35.6760



190.1150, 51.8050, 24.8050

Triad

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



196.4360, 38.1400, 35.6760



187.1470, 29.3020, -24.4420



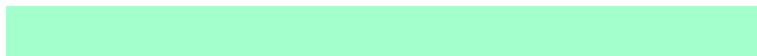
151.2000, -136.3950, -33.6350

Complementary

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



196.4360, 38.1400, 35.6760



221.5640, -38.1400, -35.6760

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.



159.3220, -104.8040, -38.9800



196.4360, 38.1400, 35.6760



181.7280, -6.3670, -33.3030

Square

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



196.4360, 38.1400, 35.6760



189.9210, 53.9660, -8.8660



174.1050, -49.9690, -36.0570



174.8530, -83.1690, -7.0490

Rectangle

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



196.4360, 38.1400, 35.6760



190.2000, 58.4550, 14.4150



174.1050, -49.9690, -36.0570



150.5330, -133.1390, -37.5790

Sweetspot

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



196.4360, 38.1400, 35.6760



237.1960, 11.5520, 10.9120



185.4480, -5.6920, 37.0920



117.1090, 7.2430, 6.4030



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.



196.4360, 38.1400, 35.6760



184.9580, 45.6580, 42.6020



191.1920, 52.9060, 21.3700



119.6850, 5.5010, 4.9330



69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Inverse Universe

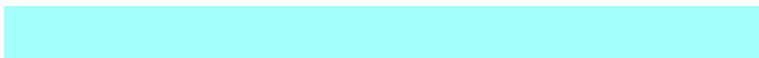
The Inverse Universe completely reimagines the original color for something new.



196.4360, 38.1400, 35.6760



184.9580, 45.6580, 42.6020



226.8080, -52.9060, -21.3700



119.6850, 5.5010, 4.9330



69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 196.4360, 38.1400, 35.6760 looks on a white background.

Color Contrast Check

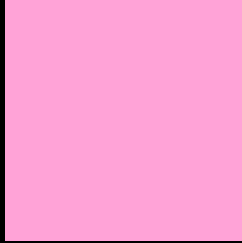
Large Text (above 18pt) WCAG AA × Fail

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 196.4360, 38.1400, 35.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

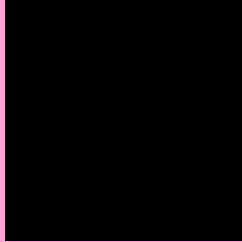
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4360, 38.1400, 35.6760

Background



This preview shows how black text looks on a background with the YIQ color 196.4360, 38.1400, 35.6760.



This preview shows how white text looks on a background with the YIQ color 196.4360, 38.1400,

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

196.4360, 38.1400, 35.6760

Protanopia

192.5100, -18.5710, 11.6770

Deuteranopia

194.2210, 1.2360, 10.6440



Tritanopia

195.0000, 44.6990, 21.4270

Trichromacy



Original Color

196.4360, 38.1400, 35.6760



Protanomaly

193.9150, 2.5180, 20.4540



Deuteranomaly

194.7330, 14.7140, 19.6900



Tritanomaly

195.4930, 41.9930, 26.4170

Monochromacy



Original Color

196.4360, 38.1400, 35.6760



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0330, 13.5690, 12.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4360, 38.1400, 35.6760 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, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 215)  
}
```

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, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 215) }
```

Border

The CSS property to change the border of an element to YIQ 196.4360, 38.1400, 35.6760 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, 163, 215) }
```


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

```
.border{ border-color:rgb(255, 163, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4360, 38.1400, 35.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 215) }
```

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

```
.background{ background-color: rgb(255,  
163, 215) }
```

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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