

Converting Colors

YIQ(200.7560, 34.2430, 34.7150)

Have a look what the booklet for
YIQ(200.7560, 34.2430, 34.7150)
contains.

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Color

**YIQ(200.7560, 34.2430,
34.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9DE
RGB	255, 169, 222
RGB Percent	100%, 66%, 87%
CMY	0.0000, 0.3374, 0.1293
CMYK	0.00, 0.34, 0.13, 0.00
HSL	323°, 100%, 83%
HSV	323°, 34%, 100%
XYZ	68.6093, 54.8978, 76.1045
YIQ	200.7560, 34.2430, 34.7150

Conversions

Conversions Part 2

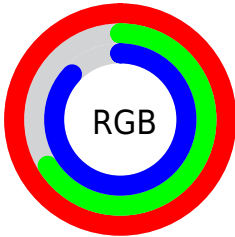
Format	Color
R _Y B	255, 169, 222
Decimal	16755166
CIE _{Lab}	78.98, 39.12, -13.73
CIE _{LCh}	79, 41.456, 340.659
Y _{xy}	54.8978, 0.3437, 0.2750
Android (android.graphics.Color)	4294945246 (0xFFFFA9DE)
Y _{UV}	200.7560, 10.4733, 47.5720
Hunter-Lab	74.0930, 35.6263, -9.0345

Details

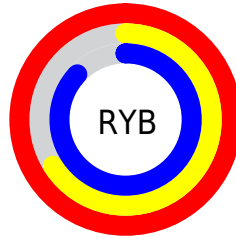
The YIQ color $200.7560, 34.2430, 34.7150$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $223.2440, -34.2430, -34.7150$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3900, 8.2500, 15.6900$, and $145.4460, 32.1800, 33.5560$ is the 20% darker color. If you saturate the color by 10%, you get $184.3540, 44.6030, 45.2030$, and if you desaturate by 10%, it is $216.5710, 24.1580, 24.7500$.

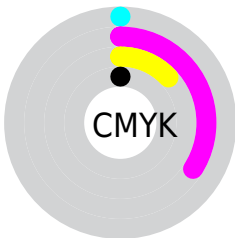
Distribution



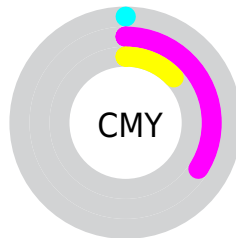
- Red (100%)
- Green (66%)
- Blue (87%)



- Red (100%)
- Yellow (66%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.7560, 34.2430, 34.7150 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 200.7560, 34.2430, 34.7150 by changing the saturation by 10% instead.

200.7560, 34.2430,
34.7150

200.7560, 34.2430,
34.7150

255.0000, -0.0000,
-0.0000

173.0440, 33.3720,
33.9800

237.3900, 8.2500,
15.6900

145.4460, 32.1800,
33.5560

254.4130, 0.2750,
0.5230

119.3210, 31.0340,
32.2980

92.8370, 29.5210,
32.1850

67.5380, 28.9250,
31.9730

40.7060, 28.5120,
33.9520

23.8530, 23.4240,

27.0400

■ 15.2940, 17.3280,
16.3680

■ 0.0000, 0.0000,
0.0000

■ 200.7560, 34.2430,
34.7150

■ 200.7560, 34.2430,
34.7150

■ 184.3540, 44.6030,
45.2030

■ 216.5710, 24.1580,
24.7500

■ 168.5390, 54.6880,
55.1680

■ 232.9730, 13.7980,
14.2620

■ 152.2510, 64.7270,
65.9670

■ 248.6740, 4.0340,
3.9860

■ 136.4360, 74.8120,
75.9320

255.0000, -0.0000,
-0.0000

■ 120.0340, 85.1720,
86.4200

■ 104.2190, 95.2570,
96.3850

■ 94.1430, 101.5830,
102.8870

Harmonies

Analogous

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



200.3850, -1.3810, 30.5470



200.7560, 34.2430, 34.7150



194.5490, 47.5870, 24.1550

Triad

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



200.7560, 34.2430, 34.7150



191.9840, 31.3190, -22.4490



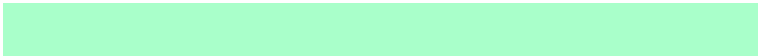
163.4150, -117.8270, -28.7310

Complementary

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



200.7560, 34.2430, 34.7150



223.2440, -34.2430, -34.7150

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.



169.0420, -89.2160, -35.1360



200.7560, 34.2430, 34.7150



186.9350, -2.5160, -31.5080

Square

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



200.7560, 34.2430, 34.7150



194.9750, 53.8740, -7.1980



179.8670, -43.3670, -34.5590



178.6960, -81.2890, -8.0810

Rectangle

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



200.7560, 34.2430, 34.7150



193.4600, 54.7870, 14.8110



179.8670, -43.3670, -34.5590



162.1500, -115.7630, -33.0990

Sweetspot

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



200.7560, 34.2430, 34.7150



239.1850, 10.0850, 9.9650



188.3720, -8.5340, 33.5300



117.9240, 6.3260, 6.5020



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.



200.7560, 34.2430, 34.7150



190.6800, 40.5690, 41.2170



195.9680, 47.7250, 21.6530



119.7990, 5.1800, 5.2440



70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Inverse Universe

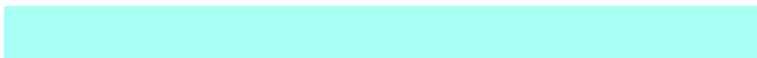
The Inverse Universe completely reimagines the original color for something new.



200.7560, 34.2430, 34.7150



190.6800, 40.5690, 41.2170



228.0320, -47.7250, -21.6530



119.7990, 5.1800, 5.2440



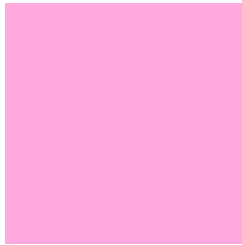
70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 200.7560, 34.2430, 34.7150 looks on a white background.

Color Contrast Check

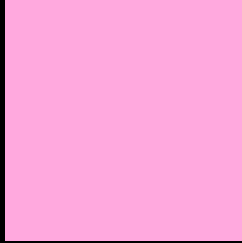
Large Text (above 18pt) WCAG AA × Fail

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 200.7560, 34.2430, 34.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

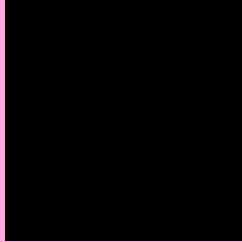
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7560, 34.2430, 34.7150

Background



This preview shows how black text looks on a background with the YIQ color 200.7560, 34.2430, 34.7150.



This preview shows how white text looks on a background with the YIQ color 200.7560, 34.2430,

34.7150.

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

200.7560, 34.2430, 34.7150

Protanopia

196.7380, -19.2130, 12.2990

Deuteranopia

198.2640, -0.3230, 11.3650



Tritanopia

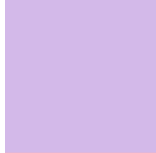
199.2060, 41.1230, 20.1550

Trichromacy



Original Color

200.7560, 34.2430, 34.7150



Protanomaly

198.2460, 0.0880, 20.4400



Deuteranomaly

199.0640, 12.2840, 19.6760



Tritanomaly

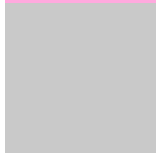
199.6990, 38.4170, 25.1450

Monochromacy



Original Color

200.7560, 34.2430, 34.7150



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.8480, 12.6520, 13.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7560, 34.2430, 34.7150 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, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 222)  
}
```

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, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 222) }
```

Border

The CSS property to change the border of an element to YIQ 200.7560, 34.2430, 34.7150 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, 169, 222) }
```


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

```
.border{ border-color:rgb(255, 169, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7560, 34.2430, 34.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 222) }
```

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

```
.background{ background-color: rgb(255,  
169, 222) }
```

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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