

Converting Colors

YIQ(206.0850, 26.1270, 38.6310)

Have a look what the booklet for
YIQ(206.0850, 26.1270, 38.6310)
contains.

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Color

**YIQ(206.0850, 26.1270,
38.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEF3
RGB	255, 174, 243
RGB Percent	100%, 68%, 95%
CMY	0.0000, 0.3178, 0.0470
CMYK	0.00, 0.32, 0.05, 0.00
HSL	309°, 100%, 84%
HSV	309°, 32%, 100%
XYZ	72.5491, 57.9909, 92.1738
YIQ	206.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

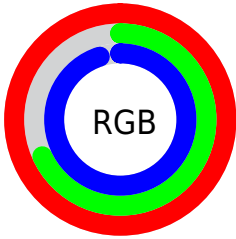
Format	Color
R _Y B	255, 174, 243
Decimal	16756467
CIE _{Lab}	80.73, 39.99, -22.41
CIE _{LCh}	81, 45.846, 330.732
Yxy	57.9909, 0.3258, 0.2604
Android (android.graphics.Color)	4294946547 (0xFFFFAEF3)
YUV	206.0850, 18.1991, 42.8985
Hunter-Lab	76.1517, 36.7899, -18.4582

Details

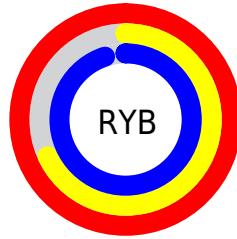
The YIQ color $206.0850, 26.1270, 38.6310$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $222.9150, -26.1270, -38.6310$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3250, 6.8750, 13.0750$, and $150.6610, 24.3850, 37.1610$ is the 20% darker color. If you saturate the color by 10%, you get $190.3670, 34.5610, 50.9850$, and if you desaturate by 10%, it is $221.2160, 17.9680, 26.8000$.

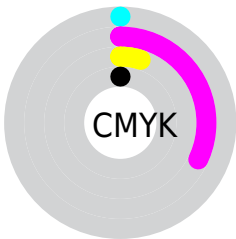
Distribution



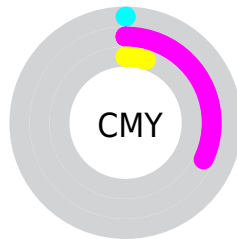
- Red (100%)
- Green (68%)
- Blue (95%)



- Red (100%)
- Yellow (68%)
- Blue (95%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.0850, 26.1270, 38.6310 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 206.0850, 26.1270, 38.6310 by changing the saturation by 10% instead.


 206.0850, 26.1270,
38.6310


 206.0850, 26.1270,
38.6310


255.0000, -0.0000,
-0.0000


 178.3730, 25.2560,
37.8960


 240.3250, 6.8750,
13.0750

 150.6610, 24.3850,
37.1610

 123.9490, 23.5140,
36.4260

 98.1230, 22.9640,
35.3800

 72.5250, 21.7720,
34.9560

 46.0520, 21.7260,
35.7900

 25.9760, 18.8840,

32.2280

■ 17.1890, 13.4300,
20.9340

■ 2.2970, -5.0900,
4.1420

■ 206.0850, 26.1270,
38.6310

■ 206.0850, 26.1270,
38.6310

■ 190.3670, 34.5610,
50.9850

■ 221.2160, 17.9680,
26.8000

■ 175.2360, 42.7200,
62.8160

■ 236.9340, 9.5340,
14.4460

■ 159.6320, 50.8330,
75.4810

■ 251.9510, 1.6960,
2.3040

■ 144.5010, 58.9920,
87.3120

■ 255.0000, -0.0000,
-0.0000

■ 128.7830, 67.4260,
99.6660

■ 113.6520, 75.5850,
111.4970

■ 100.9830, 82.3230,
121.5470

Harmonies

Analogous

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



201.6070, -11.0540, 24.1300



206.0850, 26.1270, 38.6310



196.6010, 41.8090, 29.7530

Triad

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



206.0850, 26.1270, 38.6310



197.0950, 44.2480, -19.9760



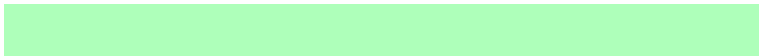
158.0160, -139.0530, -40.5330

Complementary

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



206.0850, 26.1270, 38.6310



222.9150, -26.1270, -38.6310

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.



172.5380, -87.9770, -41.0730



206.0850, 26.1270, 38.6310



192.5250, 10.3220, -32.8940

Square

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



206.0850, 26.1270, 38.6310



198.1440, 60.8880, -2.1520



185.3210, -33.1420, -38.1500



168.1210, -116.8190, -24.9710

Rectangle

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



206.0850, 26.1270, 38.6310



194.4690, 50.5680, 19.6880



185.3210, -33.1420, -38.1500



157.0070, -134.8340, -45.4100

Sweetspot

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



206.0850, 26.1270, 38.6310



239.8690, 8.1590, 11.8310



186.5230, -19.4450, 27.5230



118.2660, 5.3630, 7.4350



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.



206.0850, 26.1270, 38.6310



196.4650, 31.1690, 46.3770



201.6390, 38.6460, 26.5020



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Inverse Universe

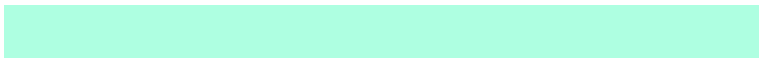
The Inverse Universe completely reimagines the original color for something new.



206.0850, 26.1270, 38.6310



196.4650, 31.1690, 46.3770



227.3610, -38.6460, -26.5020



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 206.0850, 26.1270, 38.6310 looks on a white background.

Color Contrast Check

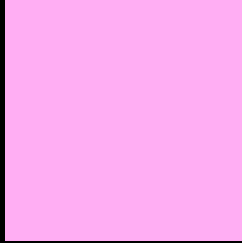
Large Text (above 18pt) WCAG AA × Fail

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 206.0850, 26.1270, 38.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

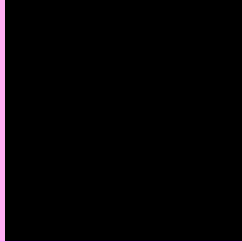
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.0850, 26.1270, 38.6310

Background



This preview shows how black text looks on a background with the YIQ color 206.0850, 26.1270, 38.6310.



This preview shows how white text looks on a background with the YIQ color 206.0850, 26.1270,

38.6310.

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

206.0850, 26.1270, 38.6310

Protanopia

201.4970, -25.7240, 14.6600

Deuteranopia

202.6960, -10.2270, 14.6450



Tritanopia

204.3300, 34.8420, 18.3460

Trichromacy



Original Color

206.0850, 26.1270, 38.6310



Protanomaly

203.2330, -7.0650, 23.4230



Deuteranomaly

203.7950, 2.9760, 23.1680



Tritanomaly

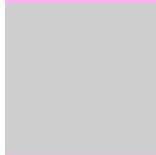
205.1050, 31.4020, 25.6260

Monochromacy



Original Color

206.0850, 26.1270, 38.6310



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

205.8200, 9.8550, 14.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.0850, 26.1270, 38.6310 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, 174, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 243)  
}
```

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, 174, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 243) }
```

Border

The CSS property to change the border of an element to YIQ 206.0850, 26.1270, 38.6310 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, 174, 243) }
```


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

```
.border{ border-color:rgb(255, 174, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 206.0850, 26.1270, 38.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 243) }
```

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

```
.background{ background-color: rgb(255,  
174, 243) }
```

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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