

Converting Colors

YIQ(186.7270, -2.3440, 31.4800)

Have a look what the booklet for
YIQ(186.7270, -2.3440, 31.4800)
contains.

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Color

**YIQ(186.7270, -2.3440,
31.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA7F3
RGB	204, 167, 243
RGB Percent	80%, 65%, 95%
CMY	0.1999, 0.3451, 0.0471
CMYK	0.16, 0.31, 0.00, 0.05
HSL	269°, 76%, 80%
HSV	269°, 31%, 95%
XYZ	54.9022, 46.9441, 90.9477
YIQ	186.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

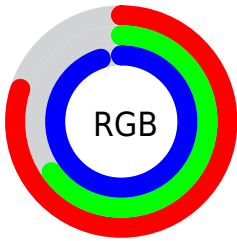
Format	Color
RYB	204, 167, 243
Decimal	13412339
CIELab	74.15, 27.81, -32.92
CIELCh	74, 43.094, 310.199
Yxy	46.9441, 0.2848, 0.2435
Android (android.graphics.Color)	4291602419 (0xFFCCA7F3)
YUV	186.7270, 27.7426, 15.1484
Hunter-Lab	68.5157, 23.1310, -30.7404

Details

The YIQ color $186.7270, -2.3440, 31.4800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $223.2730, 2.3440, -31.4800$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $133.3740, -2.8480, 29.6000$ is the 20% darker color. If you saturate the color by 10%, you get $169.0510, -2.8960, 41.4880$, and if you desaturate by 10%, it is $204.4030, -1.7920, 21.4720$.

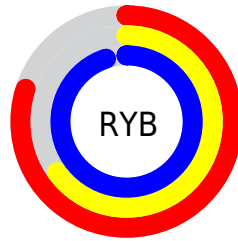
Distribution



Red (80%)

Green (65%)

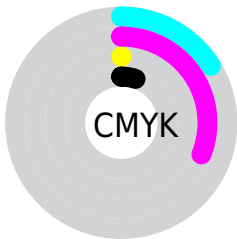
Blue (95%)



Red (80%)

Yellow (65%)

Blue (95%)

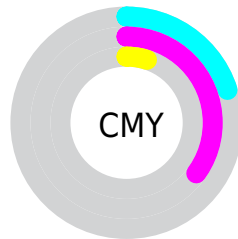


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.7270, -2.3440, 31.4800 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 186.7270, -2.3440, 31.4800 by changing the saturation by 10% instead.

186.7270, -2.3440,
31.4800

186.7270, -2.3440,
31.4800

255.0000, -0.0000,
-0.0000

159.2000, -2.2980,
30.6460

235.6290, 9.0750,
17.2590

133.3740, -2.8480,
29.6000

252.6520, 1.1000,
2.0920

107.4340, -3.0770,
28.2430

82.6080, -3.6270,
27.1970

58.6680, -3.8560,
25.8400

35.8420, -4.4060,
24.7940

13.9020, -4.6350,

23.4370

■ 4.2180, -11.8770,
11.5070

■ 2.0690, -4.4480,
3.5200

■ 186.7270, -2.3440,
31.4800

■ 186.7270, -2.3440,
31.4800

■ 169.0510, -2.8960,
41.4880

■ 204.4030, -1.7920,
21.4720

■ 150.4890, -3.7690,
51.8070

■ 222.9650, -0.9190,
11.1530

■ 132.8130, -4.3210,
61.8150

■ 240.6410, -0.3670,
1.1450

■ 114.8380, -5.4690,
71.6110

■ 253.3330, 3.2560,
-3.9440

■ 96.5750, -5.7460,
82.1420

■ 253.6320, 3.8520,
-3.7320

■ 78.6000, -6.8940,
91.9380

■ 62.9840, -7.6750,
100.5890

Harmonies

Analogous

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



179.5580, -44.8890, 15.0710



186.7270, -2.3440, 31.4800



187.5820, 34.7930, 35.7610

Triad

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



186.7270, -2.3440, 31.4800



181.4590, 55.3870, -7.0850



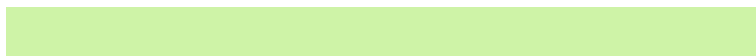
147.0720, -107.0960, -41.4960

Complementary

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



186.7270, -2.3440, 31.4800



223.2730, 2.3440, -31.4800

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.



165.4430, -45.1090, -36.0290



186.7270, -2.3440, 31.4800



178.0550, 32.5570, -22.8590

Square

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



186.7270, -2.3440, 31.4800



183.5550, 64.6450, 12.3650



173.2940, -2.1490, -32.6530



144.4350, -129.7470, -32.9710

Rectangle

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



186.7270, -2.3440, 31.4800



185.8580, 51.3910, 32.3110



173.2940, -2.1490, -32.6530



156.5390, -80.5500, -38.0060

Sweetspot

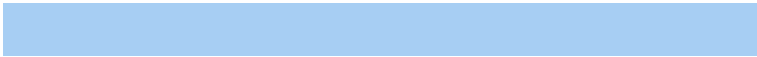
The Sweet Spot groups the original color and five complimentary colors.



186.7270, -2.3440, 31.4800



237.9110, -0.8270, 9.4850



198.5570, -35.1210, 3.2390



116.8030, -0.6430, 6.1490



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.



186.7270, -2.3440, 31.4800



183.1110, -3.1250, 40.1310



198.0890, 20.3040, 39.5360



113.1620, -0.2760, 5.0040



48.4130, -5.4700, 77.1380



15.3970, -1.6550, 24.4970

Inverse Universe

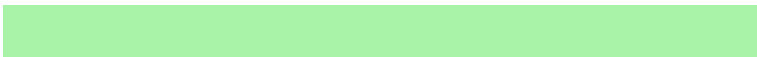
The Inverse Universe completely reimagines the original color for something new.



194.1700, 32.7770, 28.2410



192.7030, 41.7620, 36.1140



211.9110, -20.3040, -39.5360



114.2720, 5.2260, 4.4100



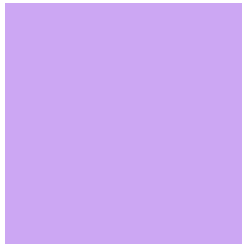
66.4440, 80.3610, 68.9770



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 186.7270, -2.3440, 31.4800 looks on a white background.

Color Contrast Check

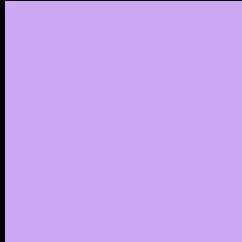
Large Text (above 18pt) WCAG AA × Fail

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 186.7270, -2.3440, 31.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

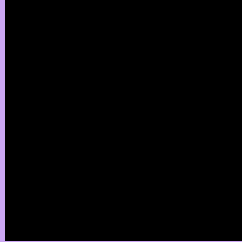
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.7270, -2.3440, 31.4800

Background



This preview shows how black text looks on a background with the YIQ color 186.7270, -2.3440, 31.4800.



This preview shows how white text looks on a background with the YIQ color 186.7270, -2.3440,

31.4800.

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

186.7270, -2.3440, 31.4800

Protanopia

182.6410, -34.7570, 18.6750

Deuteranopia

183.5510, -25.8160, 16.3280



Tritanopia

183.9780, 6.2340, 8.1700

Trichromacy



Original Color

186.7270, -2.3440, 31.4800

Protanomaly

184.0340, -22.5620, 23.4380

Deuteranomaly

184.6170, -17.0140, 22.0100

Tritanomaly

184.6930, 3.0230, 16.8070

Monochromacy



Original Color

186.7270, -2.3440, 31.4800

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9650, -0.9190, 11.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.7270, -2.3440, 31.4800 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(204, 167, 243)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 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(204, 167, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 243) }
```

Border

The CSS property to change the border of an element to YIQ 186.7270, -2.3440, 31.4800 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(204, 167, 243) }
```


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

```
.border{ border-color:rgb(204, 167, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 243);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 186.7270, -2.3440, 31.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 243) }
```

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

```
.background{ background-color: rgb(204,  
167, 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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