

Converting Colors

YIQ(187.3840, -8.8080, 27.4800)

Have a look what the booklet for
YIQ(187.3840, -8.8080, 27.4800)
contains.

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Color

**YIQ(187.3840, -8.8080,
27.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	C4ACF4
RGB	196, 172, 244
RGB Percent	77%, 67%, 96%
CMY	0.2313, 0.3255, 0.0432
CMYK	0.20, 0.30, 0.00, 0.04
HSL	260°, 77%, 82%
HSV	260°, 30%, 96%
XYZ	53.8480, 47.7708, 91.9521
YIQ	187.3840, -8.8080, 27.4800

Conversions

Conversions Part 2

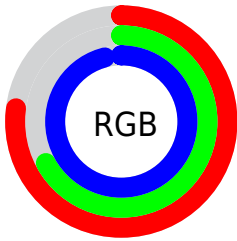
Format	Color
RYB	196, 172, 244
Decimal	12889332
CIELab	74.68, 22.86, -32.70
CIElCh	75, 39.900, 304.962
Yxy	47.7708, 0.2782, 0.2468
Android (android.graphics.Color)	4291079412 (0xFFC4ACF4)
YUV	187.3840, 27.9117, 7.5562
Hunter-Lab	69.1164, 18.1140, -30.4976

Details

The YIQ color $187.3840, -8.8080, 27.4800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $228.6160, 8.8080, -27.4800$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $238.5530, 6.2330, 13.6970$, and $134.0310, -9.3120, 25.6000$ is the 20% darker color. If you saturate the color by 10%, you get $168.5120, -11.7440, 36.6400$, and if you desaturate by 10%, it is $206.2560, -5.8720, 18.3200$.

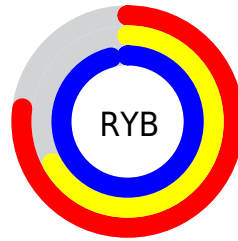
Distribution



Red (77%)

Green (67%)

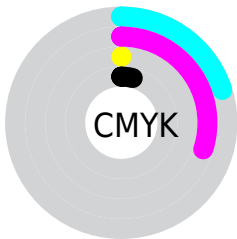
Blue (96%)



Red (77%)

Yellow (67%)

Blue (96%)

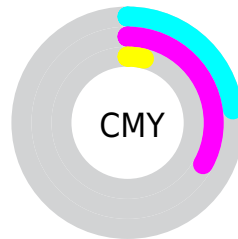


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3840, -8.8080, 27.4800 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 187.3840, -8.8080, 27.4800 by changing the saturation by 10% instead.

■ 187.3840, -8.8080,
27.4800

■ 187.3840, -8.8080,
27.4800

■ 255.0000, -0.0000,
-0.0000

■ 159.8570, -8.7620,
26.6460

■ 237.9660, 6.5080,
14.2200

■ 134.0310, -9.3120,
25.6000

■ 108.3900, -8.9450,
24.4550

■ 83.5640, -9.4950,
23.4090

■ 59.6240, -9.7240,
22.0520

■ 37.3850, -10.5490,
20.4830

■ 13.9720, -10.8240,

19.9600

■ 5.5060, -12.7480,
10.7720

■ 2.2970, -5.0900,
4.1420

■ 187.3840, -8.8080,
27.4800

■ 187.3840, -8.8080,
27.4800

■ 168.5120,
-11.7440, 36.6400

■ 206.2560, -5.8720,
18.3200

■ 149.0530,
-14.4050, 46.3230

■ 226.0140, -2.6150,
8.8490

■ 129.8820,
-17.9370, 55.2710

■ 244.8860, 0.3210,
-0.3110

■ 110.4230,
-20.5980, 64.9540

■ 253.7460, 3.5310,
-3.4210

■ 91.5510, -23.5340,
74.1140

■ 72.6790, -26.4700,
83.2740

■ 52.9210, -29.7270,
92.7450

■ 52.0350, -30.0480,
93.0560

Harmonies

Analogous

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



179.8240, -48.6940, 12.4420



187.3840, -8.8080, 27.4800



188.8090, 26.7240, 33.3160

Triad

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



187.3840, -8.8080, 27.4800



183.4960, 53.9650, -3.3390



160.7400, -76.5620, -33.1860

Complementary

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



187.3840, -8.8080, 27.4800



228.6160, 8.8080, -27.4800

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.



170.4830, -33.4180, -33.1460



187.3840, -8.8080, 27.4800



180.9460, 34.4820, -19.1980

Square

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



187.3840, -8.8080, 27.4800



185.6840, 59.9680, 14.5280



176.5230, 4.6360, -28.9640



150.2040, -115.8550, -31.4310

Rectangle

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



187.3840, -8.8080, 27.4800



188.0960, 44.7890, 30.8130



176.5230, 4.6360, -28.9640



164.6400, -61.6610, -33.4130

Sweetspot

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



187.3840, -8.8080, 27.4800



237.0140, -2.6150, 8.8490



208.3840, -36.3120, -2.7120



116.2050, -1.8350, 5.7250



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.



187.3840, -8.8080, 27.4800



185.1160, -10.6890, 34.0390



198.1480, 12.6480, 35.1120



112.5640, -1.4680, 4.5800



39.7420, -22.7540, 70.9900



12.7060, -7.0190, 22.5890

Inverse Universe

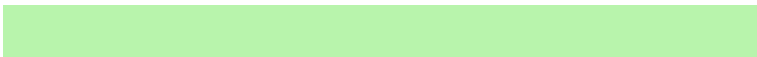
The Inverse Universe completely reimagines the original color for something new.



199.0000, 27.5040, 30.1920



199.3370, 34.1050, 37.2170



217.8520, -12.6480, -35.1120



114.5000, 4.5840, 5.0320



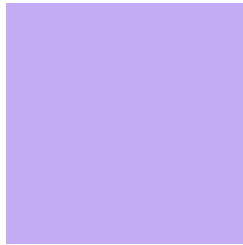
69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 187.3840, -8.8080, 27.4800 looks on a white background.

Color Contrast Check

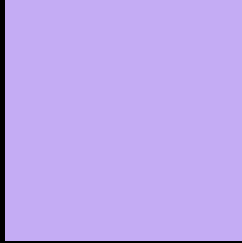
Large Text (above 18pt) WCAG AA × Fail

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 187.3840, -8.8080, 27.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

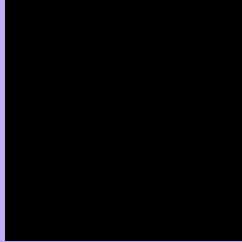
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.3840, -8.8080, 27.4800

Background



This preview shows how black text looks on a background with the YIQ color 187.3840, -8.8080, 27.4800.



This preview shows how white text looks on a background with the YIQ color 187.3840, -8.8080,

27.4800.

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

187.3840, -8.8080, 27.4800

Protanopia

183.5980, -33.1980, 17.9540

Deuteranopia

184.6650, -26.1370, 16.6390



Tritanopia

184.8030, -0.6430, 6.1490

Trichromacy



Original Color

187.3840, -8.8080, 27.4800

Protanomaly

185.0830, -24.2580, 21.1340

Deuteranomaly

185.7090, -20.2690, 20.4270

Tritanomaly

185.8770, -3.4870, 13.6410

Monochromacy



Original Color

187.3840, -8.8080, 27.4800

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3560, -3.5780, 9.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3840, -8.8080, 27.4800 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(196, 172, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 172, 244)  
}
```

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(196, 172, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 172, 244) }
```

Border

The CSS property to change the border of an element to YIQ 187.3840, -8.8080, 27.4800 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(196, 172, 244) }
```


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

```
.border{ border-color:rgb(196, 172, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 172, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 172, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 172, 244);  
box-shadow:4px 4px 4px 4px rgb(196, 172,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3840, -8.8080, 27.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 172, 244) }
```

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

```
.background{ background-color: rgb(196,  
172, 244) }
```

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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