

Converting Colors

YIQ(185.0280, 3.9380, 27.7620)

Have a look what the booklet for
YIQ(185.0280, 3.9380, 27.7620)
contains.

YIQ(185.0280, 3.9380, 27.7620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(185.0280, 3.9380,
27.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA6E4
RGB	206, 166, 228
RGB Percent	81%, 65%, 89%
CMY	0.1920, 0.3491, 0.1059
CMYK	0.10, 0.27, 0.00, 0.11
HSL	279°, 53%, 77%
HSV	279°, 27%, 89%
XYZ	53.0987, 45.9941, 79.4719
YIQ	185.0280, 3.9380, 27.7620

Conversions

Conversions Part 2

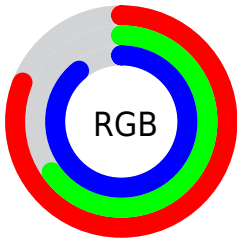
Format	Color
R _Y B	206, 166, 228
Decimal	13543140
CIE Lab	73.54, 25.84, -25.69
CIE LCh	74, 36.440, 315.170
Yxy	45.9941, 0.2974, 0.2576
Android (android.graphics.Color)	4291733220 (0xFFCEA6E4)
YUV	185.0280, 21.1852, 18.3924
Hunter-Lab	67.8189, 21.0732, -22.0043

Details

The YIQ color $185.0280, 3.9380, 27.7620$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $208.9720, -3.9380, -27.7620$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.0420, 9.3500, 17.7820$, and $131.6750, 3.4340, 25.8820$ is the 20% darker color. If you saturate the color by 10%, you get $169.1350, 5.4950, 38.0950$, and if you desaturate by 10%, it is $200.9210, 2.3810, 17.4290$.

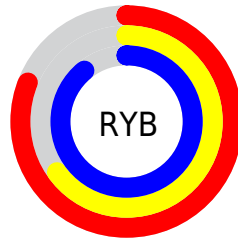
Distribution



Red (81%)

Green (65%)

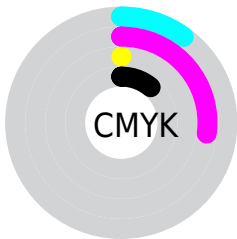
Blue (89%)



Red (81%)

Yellow (65%)

Blue (89%)

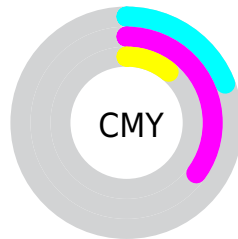


Cyan (10%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (19%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.0280, 3.9380, 27.7620 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 185.0280, 3.9380, 27.7620 by changing the saturation by 10% instead.

 185.0280, 3.9380,
27.7620

 185.0280, 3.9380,
27.7620

255.0000, -0.0000,
-0.0000


 157.6150, 3.6630,
27.2390


 235.0420, 9.3500,
17.7820


 131.6750, 3.4340,
25.8820

 252.0650, 1.3750,
2.6150

 106.2620, 3.1590,
25.3590

 81.4360, 2.6090,
24.3130

 57.6100, 2.0590,
23.2670

 35.0830, 2.1050,
22.4330

 14.1430, 1.8760,

21.0760

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 185.0280, 3.9380,
27.7620

■ 185.0280, 3.9380,
27.7620

■ 169.1350, 5.4950,
38.0950

■ 200.9210, 2.3810,
17.4290

■ 153.2420, 7.0520,
48.4280

■ 216.8140, 0.8240,
7.0960

■ 137.9360, 8.3340,
58.2380

■ 232.1200, -0.4580,
-2.7140

■ 122.0430, 9.8910,
68.5710

■ 246.8390, -1.4650,
-12.0010

■ 106.1500, 11.4480,
78.9040

■ 249.2310, 3.3030,
-10.3050

■ 90.2570, 13.0050,
89.2370

■ 251.6230, 8.0710,
-8.6090

■ 74.3640, 14.5620,
99.5700

■ 251.9220, 8.6670,
-8.3970

■ 69.9450, 14.4240,
102.0720

Harmonies

Analogous

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



180.5550, -31.6390, 17.2330



185.0280, 3.9380, 27.7620



185.4090, 33.6020, 29.8100

Triad

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



185.0280, 3.9380, 27.7620



179.9570, 45.1170, -8.1870



159.6030, -77.4340, -28.3940

Complementary

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



185.0280, 3.9380, 27.7620



208.9720, -3.9380, -27.7620

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.



166.9860, -42.0840, -30.2760



185.0280, 3.9380, 27.7620



176.7320, 23.3410, -21.0350

Square

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



185.0280, 3.9380, 27.7620



182.2440, 55.1550, 8.1390



172.8900, -6.6430, -28.2990



159.4680, -89.8150, -18.7670

Rectangle

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



185.0280, 3.9380, 27.7620



184.3040, 46.8990, 25.6110



172.8900, -6.6430, -28.2990



161.9370, -66.7510, -29.2710

Sweetspot

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



185.0280, 3.9380, 27.7620



241.1670, 1.3280, 8.9760



186.5690, -26.2270, 7.2530



118.8740, 0.5950, 5.7390



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.



185.0280, 3.9380, 27.7620



196.7220, 5.2200, 37.5720



190.6940, 19.6180, 29.9380



106.7600, 0.9160, 5.4280



54.7910, 11.0810, 80.0490



15.6810, 3.2970, 22.8570

Inverse Universe

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



187.0460, 29.8900, 19.9860



199.5360, 40.4340, 27.1380



203.3060, -19.6180, -29.9380



107.0440, 5.8680, 3.7880



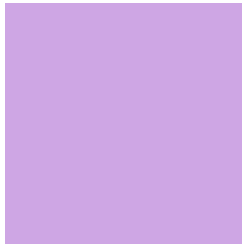
60.7030, 86.4610, 57.5410



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 185.0280, 3.9380, 27.7620 looks on a white background.

Color Contrast Check

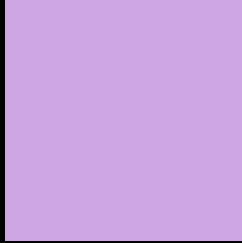
Large Text (above 18pt) WCAG AA × Fail

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 185.0280, 3.9380, 27.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

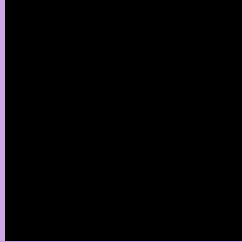
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.0280, 3.9380, 27.7620

Background



This preview shows how black text looks on a background with the YIQ color 185.0280, 3.9380, 27.7620.



This preview shows how white text looks on a background with the YIQ color 185.0280, 3.9380,

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

185.0280, 3.9380, 27.7620

Protanopia

181.4260, -26.9620, 15.0700

Deuteranopia

181.9880, -16.9210, 14.8150



Tritanopia

183.2560, 11.3230, 9.5550

Trichromacy



Original Color

185.0280, 3.9380, 27.7620

Protanomaly

182.6340, -15.6840, 19.9320

Deuteranomaly

183.0430, -9.5860, 19.5500

Tritanomaly

183.8030, 8.5250, 16.2130

Monochromacy



Original Color

185.0280, 3.9380, 27.7620

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0280, 3.9380, 27.7620 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(206, 166, 228)` looks like.

```
.text, #text, p{  
    color:rgb(206, 166, 228)  
}
```

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(206, 166, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 166, 228) }
```

Border

The CSS property to change the border of an element to YIQ 185.0280, 3.9380, 27.7620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

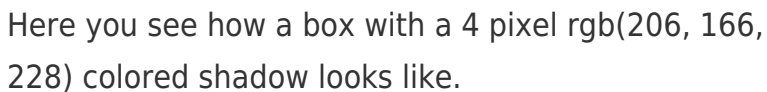
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 166, 228) }
```


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

```
.border{ border-color:rgb(206, 166, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 166, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 166, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 166, 228); box-shadow:4px 4px 4px 4px rgb(206, 166, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0280, 3.9380, 27.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 166, 228) }
```

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

```
.background{ background-color: rgb(206,  
166, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor