

Converting Colors

YIQ(185.5320, -6.4690, 23.6350)

Have a look what the booklet for
YIQ(185.5320, -6.4690, 23.6350)
contains.

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Color

**YIQ(185.5320, -6.4690,
23.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ACE9
RGB	194, 172, 233
RGB Percent	76%, 67%, 91%
CMY	0.2391, 0.3255, 0.0863
CMYK	0.17, 0.26, 0.00, 0.09
HSL	262°, 58%, 79%
HSV	262°, 26%, 91%
XYZ	51.7102, 46.8561, 83.3956
YIQ	185.5320, -6.4690, 23.6350

Conversions

Conversions Part 2

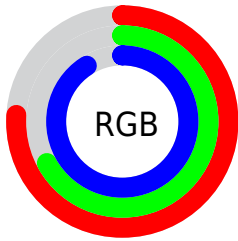
Format	Color
RYB	194, 172, 233
Decimal	12758249
CIELab	74.10, 19.83, -27.65
CIELCh	74, 34.022, 305.643
Yxy	46.8561, 0.2842, 0.2575
Android (android.graphics.Color)	4290948329 (0xFFC2ACE9)
YUV	185.5320, 23.4017, 7.4264
Hunter-Lab	68.4515, 15.0537, -24.3179

Details

The YIQ color $185.5320, -6.4690, 23.6350$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $219.4680, 6.4690, -23.6350$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.3680, 5.3160, 13.7960$, and $132.4780, -6.3770, 21.9670$ is the 20% darker color. If you saturate the color by 10%, you get $167.5460, -9.0840, 32.4840$, and if you desaturate by 10%, it is $203.5180, -3.8540, 14.7860$.

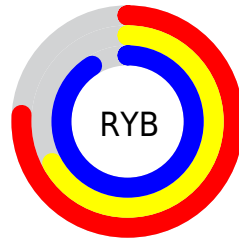
Distribution



Red (76%)

Green (67%)

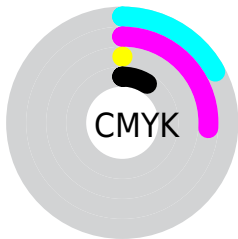
Blue (91%)



Red (76%)

Yellow (67%)

Blue (91%)

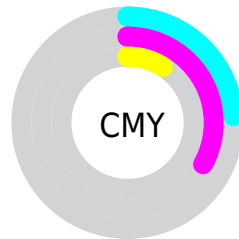


Cyan (17%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (24%)


Magenta (33%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.5320, -6.4690, 23.6350 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 185.5320, -6.4690, 23.6350 by changing the saturation by 10% instead.

 185.5320, -6.4690,
23.6350

 185.5320, -6.4690,
23.6350


255.0000, -0.0000,
-0.0000


 158.1190, -6.7440,
23.1120


 237.3680, 5.3160,
13.7960

 132.4780, -6.3770,
21.9670

 106.9510, -6.3310,
21.1330

 82.1250, -6.8810,
20.0870

 58.5980, -6.8350,
19.2530

 36.3590, -7.6600,
17.6840

 13.3700, -6.1930,

18.6310

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 185.5320, -6.4690,
23.6350

■ 185.5320, -6.4690,
23.6350

■ 167.5460, -9.0840,
32.4840

■ 203.5180, -3.8540,
14.7860

■ 148.9730,
-11.4240, 41.8560

■ 222.0910, -1.5140,
5.4140

■ 130.9870,
-14.0390, 50.7050

■ 240.0770, 1.1010,
-3.4350

■ 113.0010,
-16.6540, 59.5540

■ 252.1930, 6.4660,
-7.0540

■ 95.3140, -18.6730,
68.6150

■ 252.4920, 7.0620,
-6.8420

■ 76.7410, -21.0130,
77.9870

■ 58.7550, -23.6280,
86.8360

■ 51.6780, -24.7290,
90.2710

Harmonies

Analogous

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



179.7880, -39.8450, 11.7630



185.5320, -6.4690, 23.6350



186.7930, 23.6530, 28.3970

Triad

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



185.5320, -6.4690, 23.6350



182.0160, 46.6290, -2.5470



165.6390, -59.9200, -26.4160

Complementary

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



185.5320, -6.4690, 23.6350



219.4680, 6.4690, -23.6350

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.



171.2820, -28.2380, -27.9020



185.5320, -6.4690, 23.6350



179.7160, 29.4380, -15.8900

Square

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



185.5320, -6.4690, 23.6350



184.2100, 52.4950, 12.2950



176.0870, 3.1680, -24.3840



163.8020, -79.1320, -19.6440

Rectangle

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



185.5320, -6.4690, 23.6350



186.5250, 38.9670, 26.1910



176.0870, 3.1680, -24.3840



167.6740, -49.8330, -27.5050

Sweetspot

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



185.5320, -6.4690, 23.6350



239.3730, -2.2480, 7.7040



202.4340, -30.5810, -1.9490



117.6780, -1.7890, 4.8910



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.



185.5320, -6.4690, 23.6350



193.6770, -8.0750, 30.7170



194.5020, 11.4110, 29.9950



108.4500, -1.1470, 4.2690



40.0690, -19.3610, 70.0710



11.8370, -6.0100, 20.8220

Inverse Universe

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



194.6850, 23.8370, 25.0610



205.3210, 31.0340, 32.2980



210.4980, -11.4110, -29.9950



110.0870, 4.3090, 4.5090



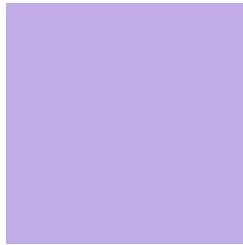
67.3430, 70.6400, 74.4480



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 185.5320, -6.4690, 23.6350 looks on a white background.

Color Contrast Check

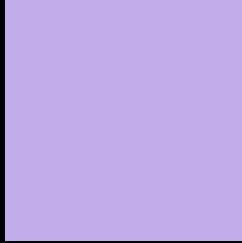
Large Text (above 18pt) WCAG AA × Fail

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 185.5320, -6.4690, 23.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

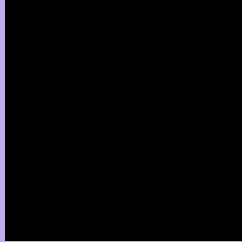
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.5320, -6.4690, 23.6350

Background



This preview shows how black text looks on a background with the YIQ color 185.5320, -6.4690, 23.6350.



This preview shows how white text looks on a background with the YIQ color 185.5320, -6.4690,

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

185.5320, -6.4690, 23.6350

Protanopia

182.5400, -27.2830, 15.3810

Deuteranopia

183.5470, -19.9930, 15.4230



Tritanopia

183.1020, -0.0470, 6.3610

Trichromacy



Original Color

185.5320, -6.4690, 23.6350

Protanomaly

183.5410, -19.8560, 18.4480

Deuteranomaly

183.8790, -14.9960, 18.4760

Tritanomaly

183.8340, -1.9280, 12.9200

Monochromacy



Original Color

185.5320, -6.4690, 23.6350

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9000, -2.2940, 8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5320, -6.4690, 23.6350 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(194, 172, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 233)  
}
```

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(194, 172, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 233) }
```

Border

The CSS property to change the border of an element to YIQ 185.5320, -6.4690, 23.6350 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(194, 172, 233) }
```


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

```
.border{ border-color:rgb(194, 172, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5320, -6.4690, 23.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 233) }
```

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

```
.background{ background-color: rgb(194,  
172, 233) }
```

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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