

Converting Colors

YIQ(185.1100, 4.3610, -29.4870)

Have a look what the booklet for
YIQ(185.1100, 4.3610, -29.4870)
contains.

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Color

**YIQ(185.1100, 4.3610,
-29.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCB82
RGB	171, 203, 130
RGB Percent	67%, 80%, 51%
CMY	0.3295, 0.2039, 0.4901
CMYK	0.16, 0.00, 0.36, 0.20
HSL	86°, 41%, 65%
HSV	86°, 36%, 80%
XYZ	42.1774, 52.9848, 29.1298
YIQ	185.1100, 4.3610, -29.4870

Conversions

Conversions Part 2

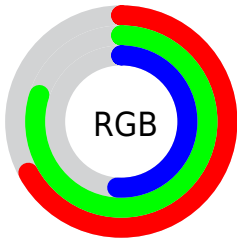
Format	Color
RYB	130, 203, 162
Decimal	11258754
CIELab	77.87, -23.22, 32.97
CIELCh	78, 40.324, 125.160
Yxy	52.9848, 0.3393, 0.4263
Android (android.graphics.Color)	4289448834 (0xFFABC82)
YUV	185.1100, -27.1692, -12.3745
Hunter-Lab	72.7907, -23.9545, 27.2264

Details

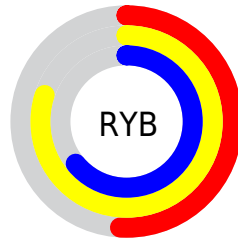
The YIQ color **185.1100, 4.3610, -29.4870** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **147.8900, -4.3610, 29.4870**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.5340, 6.1030, -28.0170**, and **131.7510, 3.9940, -28.3420** is the 20% darker color. If you saturate the color by 10%, you get **180.1390, 5.4170, -37.6150**, and if you desaturate by 10%, it is **190.0810, 3.3050, -21.3590**.

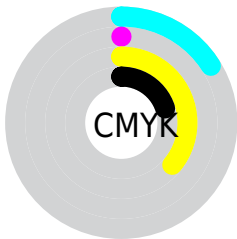
Distribution



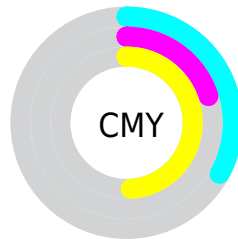
- Red (67%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (64%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1100, 4.3610, -29.4870 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 185.1100, 4.3610, -29.4870 by changing the saturation by 10% instead.

■ 185.1100, 4.3610,
-29.4870

■ 185.1100, 4.3610,
-29.4870

255.0000, -0.0000,
-0.0000

■ 158.2240, 4.0400,
-29.1760

■ 238.5340, 6.1030,
-28.0170

■ 131.7510, 3.9940,
-28.3420

■ 250.0980, 13.8030,
-13.3730

■ 105.9790, 3.3520,
-27.7200

■ 253.2900, 4.8150,
-4.6650

■ 81.2070, 2.7100,
-27.0980

■ 57.0930, 3.0310,
-27.4090

■ 36.2160, -1.5090,
-22.2210

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 185.1100, 4.3610,
-29.4870

■ 185.1100, 4.3610,
-29.4870

■ 180.1390, 5.4170,
-37.6150

■ 190.0810, 3.3050,
-21.3590

■ 175.0540, 6.7940,
-46.0540

■ 195.1660, 1.9280,
-12.9200

■ 170.0830, 7.8500,
-54.1820

■ 200.1370, 0.8720,
-4.7920

■ 165.1120, 8.9060,
-62.3100

■ 205.1080, -0.1840,
3.3360

■ 160.1410, 9.9620,
-70.4380

■ 210.1930, -1.5610,
11.7750

■ 155.0560, 11.3390,
-78.8770

■ 214.8650, -3.2130,
19.6910

■ 153.2470, 12.1190,
-82.0010

■ 217.8980, 1.1880,
22.5320

■ 220.5890, 6.5520,
24.4400

■ 223.2800, 11.9160,
26.3480

Harmonies

Analogous

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



189.1310, 35.3990, -19.2970



185.1100, 4.3610, -29.4870



179.1840, -34.0140, -33.3580

Triad

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



185.1100, 4.3610, -29.4870



174.8200, -87.5700, -9.8900



193.2440, 47.1280, 26.9680

Complementary

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



185.1100, 4.3610, -29.4870



147.8900, -4.3610, 29.4870

Split Complementary

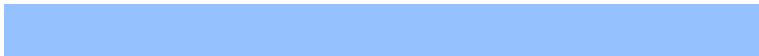
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.5210, 27.5950, 34.0510



185.1100, 4.3610, -29.4870



187.4990, -46.4010, 9.4310

Square

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



185.1100, 4.3610, -29.4870



162.1940, -109.8950, -29.3110



195.9110, -8.8540, 28.3140



192.0750, 57.3090, 13.1570

Rectangle

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



185.1100, 4.3610, -29.4870



173.0420, -62.8530, -33.8370



195.9110, -8.8540, 28.3140



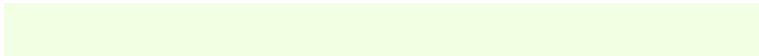
195.3130, 42.6800, 30.4880

Sweetspot

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



185.1100, 4.3610, -29.4870



248.2200, 1.8360, -11.2520



170.6110, 34.7080, -1.2600



123.6700, 0.6890, -6.9830



0.0000, 0.0000, 0.0000



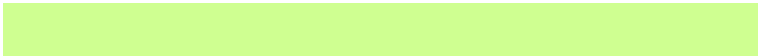
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.1100, 4.3610, -29.4870



228.1080, 6.7020, -44.3860



174.3460, -17.0950, -37.1190



99.6640, 0.8260, -3.9580



125.2490, 9.7780, -67.1020



28.5850, 2.0660, -15.4220

Inverse Universe

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



147.8900, -4.3610, 29.4870



171.8920, -6.7020, 44.3860



158.6540, 17.0950, 37.1190



94.3360, -0.8260, 3.9580



40.7510, -9.7780, 67.1020



9.4150, -2.0660, 15.4220

Previews

White Background



This preview shows how the YIQ color 185.1100, 4.3610, -29.4870 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 185.1100, 4.3610, -29.4870 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 185.1100, 4.3610, -29.4870

Background



This preview shows how black text looks on a background with the YIQ color 185.1100, 4.3610, -29.4870.



This preview shows how white text looks on a background with the YIQ color 185.1100, 4.3610,

-29.4870.

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

185.1100, 4.3610, -29.4870

Protanopia

189.5590, 31.3180, -16.9220

Deuteranopia

191.7550, 42.8700, -6.0100



Tritanopia

191.5350, -11.6920, 2.6440

Trichromacy



Original Color

185.1100, 4.3610, -29.4870

Protanomaly

187.8350, 21.5530, -21.6710

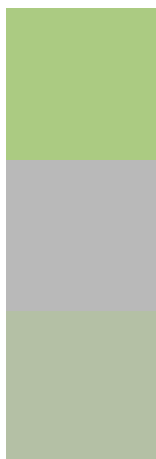
Deuteranomaly

189.4710, 28.7500, -14.4340

Tritanomaly

189.3810, -5.8670, -9.3150

Monochromacy



Original Color

185.1100, 4.3610, -29.4870

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.3340, 1.5150, -10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.1100, 4.3610, -29.4870 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(171, 203, 130)` looks like.

```
.text, #text, p{  
    color:rgb(171, 203, 130)  
}
```

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(171, 203, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 203, 130) }
```

Border

The CSS property to change the border of an element to YIQ 185.1100, 4.3610, -29.4870 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(171, 203, 130) }
```


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

```
.border{ border-color:rgb(171, 203, 130) }
```

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

Here you see how a box with a 4 pixel rgb(171, 203, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 203, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 203, 130);  
box-shadow:4px 4px 4px 4px rgb(171, 203,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 185.1100, 4.3610, -29.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 203, 130) }
```

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

```
.background{ background-color: rgb(171,  
203, 130) }
```

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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