

Converting Colors

YIQ(186.4090, 4.9570, -29.2750)

Have a look what the booklet for
YIQ(186.4090, 4.9570, -29.2750)
contains.

YIQ(186.4090, 4.9570, -29.2750)	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(186.4090, 4.9570,
-29.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCC83
RGB	173, 204, 131
RGB Percent	68%, 80%, 51%
CMY	0.3217, 0.1999, 0.4862
CMYK	0.15, 0.00, 0.36, 0.20
HSL	86°, 42%, 66%
HSV	86°, 36%, 80%
XYZ	42.9208, 53.7118, 29.5849
YIQ	186.4090, 4.9570, -29.2750

Conversions

Conversions Part 2

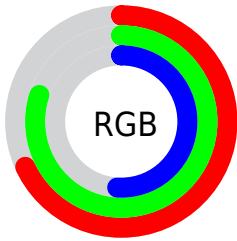
Format	Color
RYB	131, 204, 162
Decimal	11390083
CIELab	78.29, -22.84, 33.04
CIElCh	78, 40.160, 124.654
Yxy	53.7118, 0.3401, 0.4255
Android (android.graphics.Color)	4289580163 (0xFFADCC83)
YUV	186.4090, -27.3166, -11.7597
Hunter-Lab	73.2884, -23.7173, 27.3678

Details

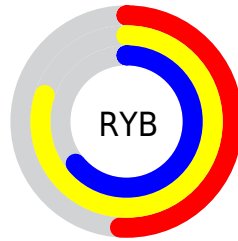
The YIQ color **186.4090, 4.9570, -29.2750** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **148.5910, -4.9570, 29.2750**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.2460, 6.9740, -27.2820**, and **132.7510, 3.9940, -28.3420** is the 20% darker color. If you saturate the color by 10%, you get **181.4380, 6.0130, -37.4030**, and if you desaturate by 10%, it is **191.3800, 3.9010, -21.1470**.

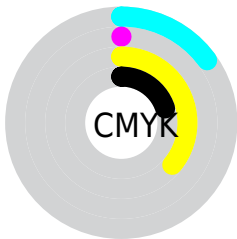
Distribution



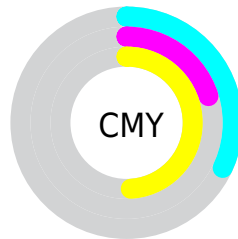
- Red (68%)
- Green (80%)
- Blue (51%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.4090, 4.9570, -29.2750 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 186.4090, 4.9570, -29.2750 by changing the saturation by 10% instead.

■ 186.4090, 4.9570,
-29.2750

■ 186.4090, 4.9570,
-29.2750

255.0000, -0.0000,
-0.0000

■ 159.5230, 4.6360,
-28.9640

■ 239.2460, 6.9740,
-27.2820

■ 132.7510, 3.9940,
-28.3420

■ 250.2120, 13.4820,
-13.0620

■ 107.2780, 3.9480,
-27.5080

■ 253.4040, 4.4940,
-4.3540

■ 82.5060, 3.3060,
-26.8860

■ 58.3920, 3.6270,
-27.1970

■ 37.4010, -0.5920,
-22.3200

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 186.4090, 4.9570,
-29.2750

■ 186.4090, 4.9570,
-29.2750

■ 181.4380, 6.0130,
-37.4030

■ 191.3800, 3.9010,
-21.1470

■ 176.6520, 7.9860,
-45.6300

■ 196.1660, 1.9280,
-12.9200

■ 171.6810, 9.0420,
-53.7580

■ 201.1370, 0.8720,
-4.7920

■ 166.5960, 10.4190,
-62.1970

■ 206.2220, -0.5050,
3.6470

■ 161.9240, 12.0710,
-70.1130

■ 210.8940, -2.1570,
11.5630

■ 156.9530, 13.1270,
-78.2410

■ 215.8650, -3.2130,
19.6910

■ 154.7310, 13.6320,
-81.8880

■ 218.7840, 1.5090,
22.2210

■ 221.1760, 6.2770,
23.9170

■ 223.8670, 11.6410,
25.8250

Harmonies

Analogous

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



190.5440, 35.6740, -18.7740



186.4090, 4.9570, -29.2750



180.4830, -33.4180, -33.1460

Triad

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



186.4090, 4.9570, -29.2750



175.7060, -87.2490, -10.2010



194.6460, 45.9360, 26.5440

Complementary

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



186.4090, 4.9570, -29.2750



148.5910, -4.9570, 29.2750

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.



199.1080, 27.3200, 33.5280



186.4090, 4.9570, -29.2750



188.3850, -46.0800, 9.1200

Square

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



186.4090, 4.9570, -29.2750



164.0910, -108.1070, -28.6750



197.4980, -9.1290, 27.7910



192.8900, 56.3920, 13.2560

Rectangle

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



186.4090, 4.9570, -29.2750



174.5260, -61.3400, -33.7240



197.4980, -9.1290, 27.7910



196.1280, 41.7630, 30.5870

Sweetspot

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



186.4090, 4.9570, -29.2750



248.2200, 1.8360, -11.2520



170.4370, 35.2580, -0.2140



123.6700, 0.6890, -6.9830



0.0000, 0.0000, 0.0000



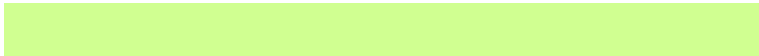
128.0000, -0.0000, -0.0000

Same Dimension

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



186.4090, 4.9570, -29.2750



228.4070, 7.2980, -44.1740



175.6450, -16.4990, -36.9070



99.6640, 0.8260, -3.9580



125.8470, 10.9700, -66.6780



28.8840, 2.6620, -15.2100

Inverse Universe

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



148.5910, -4.9570, 29.2750



171.5930, -7.2980, 44.1740



159.3550, 16.4990, 36.9070



94.3360, -0.8260, 3.9580



39.8540, -11.5660, 66.4660



9.1160, -2.6620, 15.2100

Previews

White Background



This preview shows how the YIQ color 186.4090, 4.9570, -29.2750 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 186.4090, 4.9570, -29.2750 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 186.4090, 4.9570, -29.2750

Background



This preview shows how black text looks on a background with the YIQ color 186.4090, 4.9570, -29.2750.



This preview shows how white text looks on a background with the YIQ color 186.4090, 4.9570,

-29.2750.

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

186.4090, 4.9570, -29.2750

Protanopia

190.5590, 31.3180, -16.9220

Deuteranopia

192.7550, 42.8700, -6.0100



Tritanopia

192.8340, -11.0960, 2.8560

Trichromacy



Original Color

186.4090, 4.9570, -29.2750

Protanomaly

189.1340, 22.1490, -21.4590

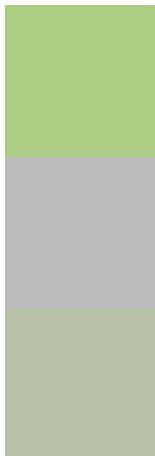
Deuteranomaly

190.4710, 28.7500, -14.4340

Tritanomaly

190.6800, -5.2710, -9.1030

Monochromacy



Original Color

186.4090, 4.9570, -29.2750

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3340, 1.5150, -10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4090, 4.9570, -29.2750 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(173, 204, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 204, 131)  
}
```

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(173, 204, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 131) }
```

Border

The CSS property to change the border of an element to YIQ 186.4090, 4.9570, -29.2750 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(173, 204, 131) }
```


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

```
.border{ border-color:rgb(173, 204, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 204, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 204, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 204, 131);  
box-shadow:4px 4px 4px 4px rgb(173, 204,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4090, 4.9570, -29.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 131) }
```

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

```
.background{ background-color: rgb(173,  
204, 131) }
```

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