

Converting Colors

YIQ(187.0460, 29.8900, 19.9860)

Have a look what the booklet for
YIQ(187.0460, 29.8900, 19.9860)
contains.

YIQ(187.0460, 29.8900, 19.9860)	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(187.0460, 29.8900,
19.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A6BC
RGB	228, 166, 188
RGB Percent	89%, 65%, 74%
CMY	0.1057, 0.3491, 0.2626
CMYK	0.00, 0.27, 0.18, 0.11
HSL	339°, 54%, 77%
HSV	339°, 27%, 89%
XYZ	54.7193, 47.3956, 53.8558
YIQ	187.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

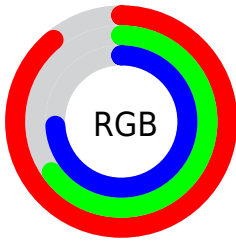
Format	Color
R_{YB}	228, 166, 188
Decimal	14984892
CIE _{Lab}	74.44, 26.11, -2.23
CIE _{LCh}	74, 26.205, 355.109
Yxy	47.3956, 0.3508, 0.3039
Android (android.graphics.Color)	4293174972 (0xFFE4A6BC)
YUV	187.0460, 0.4703, 35.9167
Hunter-Lab	68.8445, 21.3984, 1.8096

Details

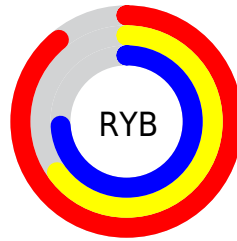
The YIQ color **187.0460, 29.8900, 19.9860** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **206.9540, -29.8900, -19.9860**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7880, 12.8810, 14.3610**, and **133.7360, 27.8270, 18.8270** is the 20% darker color. If you saturate the color by 10%, you get **171.8350, 41.0300, 27.3500**, and if you desaturate by 10%, it is **202.2570, 18.7500, 12.6220**.

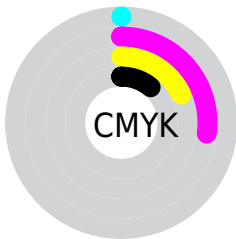
Distribution



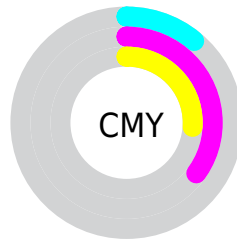
- Red (89%)
- Green (65%)
- Blue (74%)



- Red (89%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0460, 29.8900, 19.9860 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 187.0460, 29.8900, 19.9860 by changing the saturation by 10% instead.


 187.0460, 29.8900,
19.9860

 187.0460, 29.8900,
19.9860


255.0000, -0.0000,
-0.0000

 159.7470, 29.2940,
19.7740


 233.7880, 12.8810,
14.3610


 133.1490, 28.1020,
19.3500

 252.0650, 1.3750,
2.6150

 107.2520, 26.3140,
18.7140

 82.5400, 25.4430,
17.9790

 58.6430, 23.6550,
17.3430

 35.4580, 22.7380,
17.4420

 15.7350, 20.4000,

15.7600

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 187.0460, 29.8900,
19.9860

■ 187.0460, 29.8900,
19.9860

■ 171.8350, 41.0300,
27.3500

■ 202.2570, 18.7500,
12.6220

■ 156.7380, 51.8490,
35.0250

■ 217.3540, 7.9310,
4.9470

■ 142.1140, 62.7140,
41.8660

■ 231.9780, -2.9340,
-1.8940

■ 126.9030, 73.8540,
49.2300

■ 246.0150,
-13.5240, -8.2120

■ 111.8060, 84.6730,
56.9050

■ 246.9270,
-16.0920, -5.7240

■ 96.5950, 95.8130,
64.2690

■ 81.3840, 106.9530,
71.6330

■ 77.4060, 109.8870,
73.5270

Harmonies

Analogous

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



186.6340, 10.6790, 21.2310



187.0460, 29.8900, 19.9860



186.0930, 39.7030, 12.8470

Triad

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



187.0460, 29.8900, 19.9860



179.7230, 10.3650, -17.1470



174.7780, -52.2210, -6.2450

Complementary

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



187.0460, 29.8900, 19.9860



206.9540, -29.8900, -19.9860

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.



171.9810, -51.7150, -15.4190



187.0460, 29.8900, 19.9860



176.9960, -12.5130, -21.0330

Square

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



187.0460, 29.8900, 19.9860



182.3450, 29.3450, -8.6950



173.3170, -35.3460, -20.2260



180.3550, -37.3680, 5.4160

Rectangle

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



187.0460, 29.8900, 19.9860



185.0620, 40.9880, 6.0760



173.3170, -35.3460, -20.2260



172.8870, -54.1460, -9.9060

Sweetspot

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



187.0460, 29.8900, 19.9860



241.7780, 9.6730, 6.4170



184.7290, 3.3420, 27.5500



119.3430, 6.4640, 4.0000



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.



187.0460, 29.8900, 19.9860



199.5360, 40.4340, 27.1380



189.2340, 34.7520, 8.9600



107.0440, 5.8680, 3.7880



60.7030, 86.4610, 57.5410



17.3010, 24.6180, 16.4100

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



204.7660, -34.7520, -8.9600



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 187.0460, 29.8900, 19.9860 looks on a white background.

Color Contrast Check

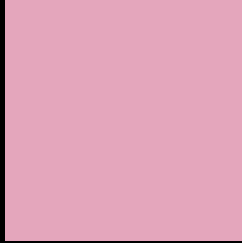
Large Text (above 18pt) WCAG AA × Fail

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 187.0460, 29.8900, 19.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

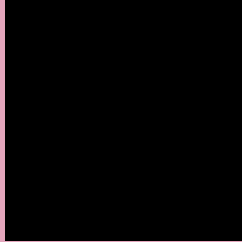
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.0460, 29.8900, 19.9860

Background



This preview shows how black text looks on a background with the YIQ color 187.0460, 29.8900, 19.9860.



This preview shows how white text looks on a background with the YIQ color 187.0460, 29.8900,

19.9860.

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

187.0460, 29.8900, 19.9860

Protanopia

184.1230, -4.5400, 5.1880

Deuteranopia

185.4900, 10.5440, 7.1520



Tritanopia

186.4220, 31.5870, 16.7630

Trichromacy



Original Color

187.0460, 29.8900, 19.9860

Protanomaly

184.9290, 7.9300, 10.4740

Deuteranomaly

186.2460, 17.2830, 11.6750

Tritanomaly

186.7640, 30.6240, 17.6960

Monochromacy



Original Color

187.0460, 29.8900, 19.9860

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.7890, 11.1400, 7.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0460, 29.8900, 19.9860 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(228, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 166, 188)  
}
```

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(228, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 166, 188) }
```

Border

The CSS property to change the border of an element to YIQ 187.0460, 29.8900, 19.9860 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(228, 166, 188) }
```


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

```
.border{ border-color:rgb(228, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 166, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 166, 188); box-shadow:4px 4px 4px 4px rgb(228, 166, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0460, 29.8900, 19.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 166, 188) }
```

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

```
.background{ background-color: rgb(228,  
166, 188) }
```

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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