

Converting Colors

YIQ(189.2910, 30.5780, 18.5300)

Have a look what the booklet for
YIQ(189.2910, 30.5780, 18.5300)
contains.

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Color

**YIQ(189.2910, 30.5780,
18.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A9BB
RGB	230, 169, 187
RGB Percent	90%, 66%, 73%
CMY	0.0979, 0.3373, 0.2666
CMYK	0.00, 0.27, 0.19, 0.10
HSL	342°, 55%, 78%
HSV	342°, 27%, 90%
XYZ	55.8017, 48.7850, 53.5045
YIQ	189.2910, 30.5780, 18.5300

Conversions

Conversions Part 2

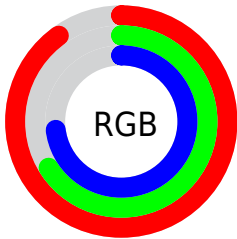
Format	Color
R_{YB}	230, 169, 187
Decimal	15116731
CIE Lab	75.32, 25.06, -0.38
CIE LCh	75, 25.065, 359.131
Yxy	48.7850, 0.3530, 0.3086
Android (android.graphics.Color)	4293306811 (0xFFE6A9BB)
YUV	189.2910, -1.1295, 35.7018
Hunter-Lab	69.8463, 20.3765, 3.4744

Details

The YIQ color **189.2910, 30.5780, 18.5300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **209.7090, -30.5780, -18.5300**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0220, 12.1020, 11.9580**, and **135.3940, 28.7900, 17.8940** is the 20% darker color. If you saturate the color by 10%, you get **173.9660, 42.0390, 25.5830**, and if you desaturate by 10%, it is **204.6160, 19.1170, 11.4770**.

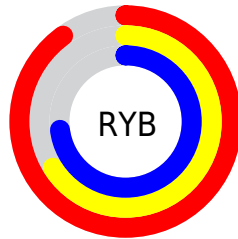
Distribution



Red (90%)

Green (66%)

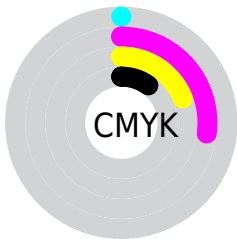
Blue (73%)



Red (90%)

Yellow (66%)

Blue (73%)

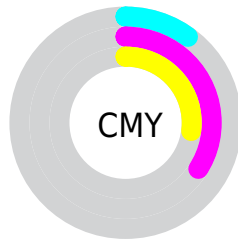


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (10%)



Cyan (10%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.2910, 30.5780, 18.5300 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 189.2910, 30.5780, 18.5300 by changing the saturation by 10% instead.

 189.2910, 30.5780,
18.5300


 189.2910, 30.5780,
18.5300


255.0000, -0.0000,
-0.0000


 161.6930, 29.3860,
18.1060


 236.0220, 12.1020,
11.9580


 135.3940, 28.7900,
17.8940

 253.8260, 0.5500,
1.0460

 109.4970, 27.0020,
17.2580

 84.7850, 26.1310,
16.5230

 60.8880, 24.3430,
15.8870

 37.5180, 22.5090,
16.0850

 15.9200, 21.3170,

15.6610

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 189.2910, 30.5780,
18.5300

■ 189.2910, 30.5780,
18.5300

■ 173.9660, 42.0390,
25.5830

■ 204.6160, 19.1170,
11.4770

■ 158.6410, 53.5000,
32.6360

■ 219.9410, 7.6560,
4.4240

■ 143.2020, 65.2820,
39.3780

■ 235.3800, -4.1260,
-2.3180

■ 127.8770, 76.7430,
46.4310

■ 247.1830,
-13.9370, -6.2330

■ 112.5520, 88.2040,
53.4840

■ 247.5250,
-14.9000, -5.3000

■ 97.2270, 99.6650,
60.5370

■ 81.9020, 111.1260,
67.5900

■ 76.5220, 115.2520,
69.9080

Harmonies

Analogous

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



189.7760, 13.1550, 20.4110



189.2910, 30.5780, 18.5300



187.8540, 38.8780, 11.2780

Triad

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



189.2910, 30.5780, 18.5300



182.1680, 7.6140, -16.8500



177.9850, -48.3700, -4.4500

Complementary

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



189.2910, 30.5780, 18.5300



209.7090, -30.5780, -18.5300

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.



175.4050, -49.9730, -13.9490



189.2910, 30.5780, 18.5300



178.8540, -14.9890, -20.2130

Square

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



189.2910, 30.5780, 18.5300



184.5510, 25.7690, -9.9670



176.3600, -36.9050, -19.5050



183.6330, -32.2790, 6.8010

Rectangle

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



189.2910, 30.5780, 18.5300



187.3390, 38.6500, 4.3940



176.3600, -36.9050, -19.5050



177.2080, -50.6160, -7.8000

Sweetspot

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



189.2910, 30.5780, 18.5300



241.6640, 9.9940, 6.1060



188.8110, 6.0470, 28.0870



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.



189.2910, 30.5780, 18.5300



200.3680, 40.8470, 25.1590



194.2830, 33.0560, 6.6560



107.0440, 5.8680, 3.7880



59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Inverse Universe

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



189.2910, 30.5780, 18.5300



200.3680, 40.8470, 25.1590



204.7170, -33.0560, -6.6560



107.0440, 5.8680, 3.7880



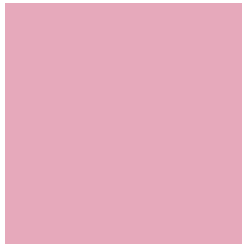
59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 189.2910, 30.5780, 18.5300 looks on a white background.

Color Contrast Check

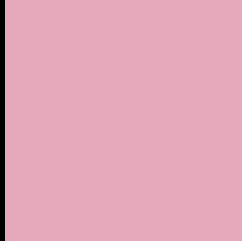
Large Text (above 18pt) WCAG AA × Fail

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 189.2910, 30.5780, 18.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

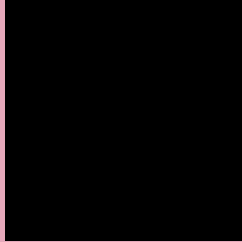
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.2910, 30.5780, 18.5300

Background



This preview shows how black text looks on a background with the YIQ color 189.2910, 30.5780, 18.5300.



This preview shows how white text looks on a background with the YIQ color 189.2910, 30.5780,

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

189.2910, 30.5780, 18.5300

Protanopia

186.5530, -2.9350, 3.6330

Deuteranopia

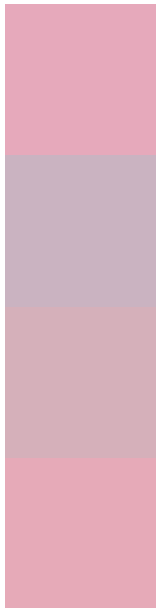
187.7460, 12.6990, 6.6430



Tritanopia

189.4220, 31.5870, 16.7630

Trichromacy



Original Color

189.2910, 30.5780, 18.5300

Protanomaly

187.4730, 9.2140, 9.2300

Deuteranomaly

188.2030, 18.8420, 10.9540

Tritanomaly

189.5360, 31.2660, 17.0740

Monochromacy



Original Color

189.2910, 30.5780, 18.5300

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.2620, 11.1860, 6.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.2910, 30.5780, 18.5300 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(230, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 187)  
}
```

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(230, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 187) }
```

Border

The CSS property to change the border of an element to YIQ 189.2910, 30.5780, 18.5300 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(230, 169, 187) }
```


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

```
.border{ border-color:rgb(230, 169, 187) }
```

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

Here you see how a box with a 4 pixel rgb(230, 169, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 189.2910, 30.5780, 18.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 187) }
```

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

```
.background{ background-color: rgb(230,  
169, 187) }
```

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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