

Converting Colors

YIQ(188.1230, 30.9910, 16.5510)

Have a look what the booklet for
YIQ(188.1230, 30.9910, 16.5510)
contains.

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Color

**YIQ(188.1230, 30.9910,
16.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A9B6
RGB	228, 169, 182
RGB Percent	89%, 66%, 71%
CMY	0.1057, 0.3373, 0.2862
CMYK	0.00, 0.26, 0.20, 0.11
HSL	347°, 52%, 78%
HSV	347°, 26%, 89%
XYZ	54.6368, 48.2455, 50.7042
YIQ	188.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

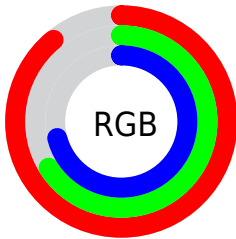
Format	Color
RYB	228, 169, 182
Decimal	14985654
CIELab	74.98, 23.58, 1.84
CIElCh	75, 23.656, 4.461
Yxy	48.2455, 0.3557, 0.3141
Android (android.graphics.Color)	4293175734 (0xFFE4A9B6)
YUV	188.1230, -3.0186, 34.9721
Hunter-Lab	69.4590, 18.8558, 5.3403

Details

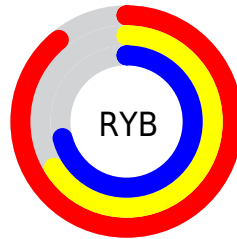
The YIQ color **188.1230, 30.9910, 16.5510** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **208.8770, -30.9910, -16.5510**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.4520, 13.7070, 10.4030**, and **134.2260, 29.2030, 15.9150** is the 20% darker color. If you saturate the color by 10%, you get **172.5700, 43.0940, 22.9820**, and if you desaturate by 10%, it is **203.6760, 18.8880, 10.1200**.

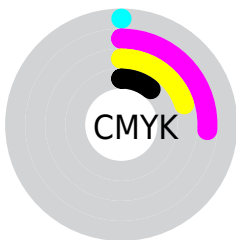
Distribution



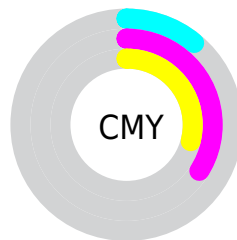
- Red (89%)
- Green (66%)
- Blue (71%)



- Red (89%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.1230, 30.9910, 16.5510 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 188.1230, 30.9910, 16.5510 by changing the saturation by 10% instead.


 188.1230, 30.9910,
16.5510


 188.1230, 30.9910,
16.5510


255.0000, -0.0000,
-0.0000


 160.8240, 30.3950,
16.3390


 235.4520, 13.7070,
10.4030

 134.2260, 29.2030,
15.9150

 253.8260, 0.5500,
1.0460

 108.3290, 27.4150,
15.2790

 83.7310, 26.2230,
14.8550

 59.8340, 24.4350,
14.2190

 37.3500, 22.9220,
14.1060

 14.7520, 21.7300,

13.6820

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 188.1230, 30.9910,
16.5510

■ 188.1230, 30.9910,
16.5510

■ 172.5700, 43.0940,
22.9820

■ 203.6760, 18.8880,
10.1200

■ 157.0170, 55.1970,
29.4130

■ 219.2290, 6.7850,
3.6890

■ 142.1650, 66.7040,
35.6320

■ 234.0810, -4.7220,
-2.5300

■ 126.6120, 78.8070,
42.0630

■ 246.6990,
-15.4500, -6.3460

■ 111.0590, 90.9100,
48.4940

■ 246.9270,
-16.0920, -5.7240

■ 95.5060, 103.0130,
54.9250

■ 80.0670, 114.7950,
61.6670

■ 73.8720, 119.8380,
63.8860

Harmonies

Analogous

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



188.8040, 15.9520, 19.2800



188.1230, 30.9910, 16.5510



186.9030, 37.1820, 8.9740

Triad

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



188.1230, 30.9910, 16.5510



181.0150, 3.6710, -16.9770



178.7900, -43.3270, -2.2310

Complementary

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



188.1230, 30.9910, 16.5510



208.8770, -30.9910, -16.5510

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.



175.5410, -47.3600, -11.7440



188.1230, 30.9910, 16.5510



177.8260, -17.7860, -19.0820

Square

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



188.1230, 30.9910, 16.5510



183.2840, 22.1470, -10.4050



175.5280, -37.3180, -17.5260



183.3240, -26.9150, 8.7090

Rectangle

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



188.1230, 30.9910, 16.5510



186.2030, 36.0370, 2.1890



175.5280, -37.3180, -17.5260



177.7140, -46.1690, -5.7930

Sweetspot

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



188.1230, 30.9910, 16.5510



241.4360, 10.6360, 5.4840



189.1810, 7.8810, 27.8890



119.2290, 6.7850, 3.6890



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.



188.1230, 30.9910, 16.5510



201.5590, 41.6270, 22.0350



196.0330, 30.7640, 4.1400



106.9300, 6.1890, 3.4770



57.9670, 94.1650, 50.0770



16.5030, 26.8650, 14.2330

Inverse Universe

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



188.1230, 30.9910, 16.5510



201.5590, 41.6270, 22.0350



200.9670, -30.7640, -4.1400



106.9300, 6.1890, 3.4770



57.9670, 94.1650, 50.0770



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 188.1230, 30.9910, 16.5510 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 188.1230, 30.9910, 16.5510 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 188.1230, 30.9910, 16.5510

Background



This preview shows how black text looks on a background with the YIQ color 188.1230, 30.9910, 16.5510.



This preview shows how white text looks on a background with the YIQ color 188.1230, 30.9910,

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

188.1230, 30.9910, 16.5510

Protanopia

185.3960, -1.0550, 2.6010

Deuteranopia

186.5890, 14.5790, 5.6110



Tritanopia

188.1230, 30.9910, 16.5510

Trichromacy



Original Color

188.1230, 30.9910, 16.5510

Protanomaly

186.6040, 10.2230, 7.4630

Deuteranomaly

187.0460, 20.7220, 9.9220

Tritanomaly

188.1230, 30.9910, 16.5510

Monochromacy



Original Color

188.1230, 30.9910, 16.5510

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1480, 11.5070, 6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.1230, 30.9910, 16.5510 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, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(228, 169, 182)  
}
```

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, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 169, 182) }
```

Border

The CSS property to change the border of an element to YIQ 188.1230, 30.9910, 16.5510 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, 169, 182) }
```


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

```
.border{ border-color:rgb(228, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(228, 169,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 188.1230, 30.9910, 16.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 169, 182) }
```

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

```
.background{ background-color: rgb(228,  
169, 182) }
```

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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