

Converting Colors

YIQ(188.5670, 29.9810, 23.8450)

Have a look what the booklet for
YIQ(188.5670, 29.9810, 23.8450)
contains.

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Color

**YIQ(188.5670, 29.9810,
23.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A5C4
RGB	232, 165, 196
RGB Percent	91%, 65%, 77%
CMY	0.0900, 0.3530, 0.2313
CMYK	0.00, 0.29, 0.16, 0.09
HSL	332°, 59%, 78%
HSV	332°, 29%, 91%
XYZ	56.7101, 48.0502, 58.5247
YIQ	188.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

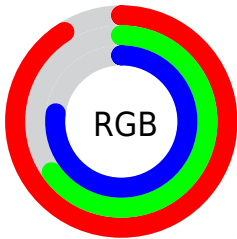
Format	Color
R _Y B	232, 165, 196
Decimal	15246788
CIE Lab	74.86, 29.31, -5.96
CIE LCh	75, 29.908, 348.497
Yxy	48.0502, 0.3473, 0.2943
Android (android.graphics.Color)	4293436868 (0xFFE8A5C4)
YUV	188.5670, 3.6645, 38.0907
Hunter-Lab	69.3182, 24.7262, -1.5352

Details

The YIQ color **188.5670, 29.9810, 23.8450** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.4330, -29.9810, -23.8450**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.8140, 9.9920, 17.1600**, and **134.2570, 27.9180, 22.6860** is the 20% darker color. If you saturate the color by 10%, you get **173.6980, 40.1580, 32.1420**, and if you desaturate by 10%, it is **203.4360, 19.8040, 15.5480**.

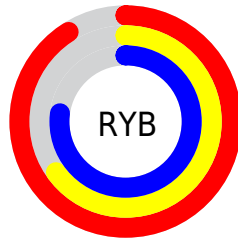
Distribution



Red (91%)

Green (65%)

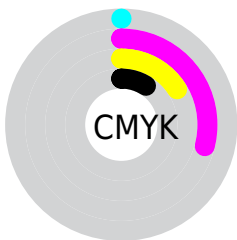
Blue (77%)



Red (91%)

Yellow (65%)

Blue (77%)

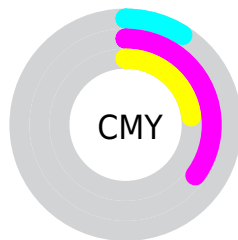


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.5670, 29.9810, 23.8450 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 188.5670, 29.9810, 23.8450 by changing the saturation by 10% instead.


 188.5670, 29.9810,
23.8450


 188.5670, 29.9810,
23.8450


255.0000, -0.0000,
-0.0000


 160.9690, 28.7890,
23.4210


 234.8140, 9.9920,
17.1600


 134.2570, 27.9180,
22.6860

 251.4780, 1.6500,
3.1380

 108.6590, 26.7260,
22.2620

 83.9470, 25.8550,
21.5270

 59.4630, 24.3420,
21.4140

 35.2780, 23.4250,
21.5130

 17.0170, 19.6660,

18.0500

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 188.5670, 29.9810,
23.8450

■ 188.5670, 29.9810,
23.8450

■ 173.6980, 40.1580,
32.1420

■ 203.4360, 19.8040,
15.5480

■ 158.7150, 50.6560,
40.1280

■ 218.4190, 9.3060,
7.5620

■ 143.2590, 61.1080,
48.9480

■ 233.8750, -1.1460,
-1.2580

■ 128.2760, 71.6060,
56.9340

■ 247.0970,
-10.8190, -7.6750

■ 113.4070, 81.7830,
65.2310

■ 248.1230,
-13.7080, -4.8760

■ 98.4240, 92.2810,
73.2170

■ 83.5550, 102.4580,
81.5140

■ 81.5660, 103.9250,
82.4610

Harmonies

Analogous

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



188.0620, 6.5980, 23.6060



188.5670, 29.9810, 23.8450



187.1800, 44.0120, 17.3560

Triad

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



188.5670, 29.9810, 23.8450



181.0180, 16.7840, -17.8400



171.7980, -64.1410, -10.4850

Complementary

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



188.5670, 29.9810, 23.8450



208.4330, -29.9810, -23.8450

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.



169.9260, -59.0500, -20.1540



188.5670, 29.9810, 23.8450



177.5680, -8.4320, -23.4080

Square

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



188.5670, 29.9810, 23.8450



183.9930, 36.2680, -7.5080



173.4970, -36.0330, -24.2970



178.7280, -48.7840, 3.0560

Rectangle

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



188.5670, 29.9810, 23.8450



186.6930, 46.5810, 9.3410



173.4970, -36.0330, -24.2970



170.9780, -64.8280, -14.5560

Sweetspot

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



188.5670, 29.9810, 23.8450



240.1310, 10.1770, 8.2970



183.4020, -0.0510, 28.4690



118.2830, 6.6930, 5.3570



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.



188.5670, 29.9810, 23.8450



197.2850, 39.8830, 31.6190



186.2070, 39.3820, 13.1580



107.2720, 5.2260, 4.4100



62.9830, 80.0410, 63.7610



17.9850, 22.6920, 18.2760

Inverse Universe

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



188.5670, 29.9810, 23.8450



197.2850, 39.8830, 31.6190



210.7930, -39.3820, -13.1580



107.2720, 5.2260, 4.4100



62.9830, 80.0410, 63.7610



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 188.5670, 29.9810, 23.8450 looks on a white background.

Color Contrast Check

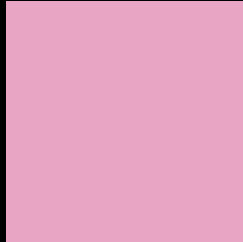
Large Text (above 18pt) WCAG AA × Fail

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 188.5670, 29.9810, 23.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

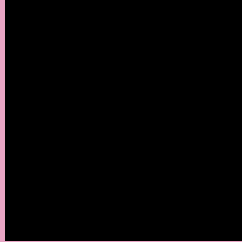
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5670, 29.9810, 23.8450

Background



This preview shows how black text looks on a background with the YIQ color 188.5670, 29.9810, 23.8450.



This preview shows how white text looks on a background with the YIQ color 188.5670, 29.9810,

23.8450.

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

188.5670, 29.9810, 23.8450

Protanopia

185.1380, -8.8960, 7.0400

Deuteranopia

186.2770, 6.8300, 8.3820



Tritanopia

188.0200, 32.7790, 17.1870

Trichromacy



Original Color

188.5670, 29.9810, 23.8450

Protanomaly

186.2540, 5.6370, 13.4850

Deuteranomaly

187.0440, 15.0360, 13.8520

Tritanomaly

188.3020, 32.0450, 19.4770

Monochromacy



Original Color

188.5670, 29.9810, 23.8450

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5670, 29.9810, 23.8450 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(232, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 165, 196)  
}
```

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(232, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 196) }
```

Border

The CSS property to change the border of an element to YIQ 188.5670, 29.9810, 23.8450 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(232, 165, 196) }
```


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

```
.border{ border-color:rgb(232, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5670, 29.9810, 23.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 196) }
```

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

```
.background{ background-color: rgb(232,  
165, 196) }
```

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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