

Converting Colors

YIQ(186.4100, 22.6930, 12.7490)

Have a look what the booklet for
YIQ(186.4100, 22.6930, 12.7490)
contains.

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Color

**YIQ(186.4100, 22.6930,
12.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ACB7
RGB	216, 172, 183
RGB Percent	85%, 67%, 72%
CMY	0.1528, 0.3255, 0.2823
CMYK	0.00, 0.20, 0.15, 0.15
HSL	345°, 36%, 76%
HSV	345°, 20%, 85%
XYZ	51.6257, 47.5210, 51.2626
YIQ	186.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

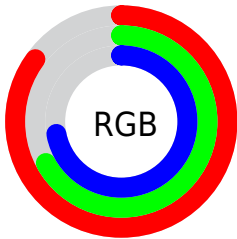
Format	Color
R _Y B	216, 172, 183
Decimal	14199991
CIE Lab	74.52, 17.78, 0.48
CIE LCh	75, 17.782, 1.559
Yxy	47.5210, 0.3432, 0.3159
Android (android.graphics.Color)	4292390071 (0xFFD8ACB7)
YUV	186.4100, -1.6811, 25.9504
Hunter-Lab	68.9355, 13.0413, 4.1650

Details

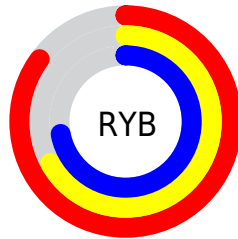
The YIQ color **186.4100, 22.6930, 12.7490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.5900, -22.6930, -12.7490**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.3270, 12.5610, 9.1450**, and **133.3990, 21.2260, 11.8020** is the 20% darker color. If you saturate the color by 10%, you get **171.6720, 33.8790, 19.2790**, and if you desaturate by 10%, it is **201.1480, 11.5070, 6.2190**.

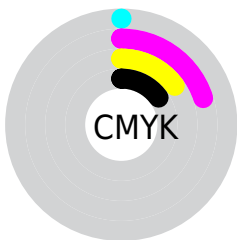
Distribution



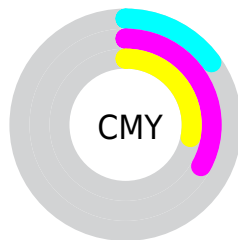
- Red (85%)
- Green (67%)
- Blue (72%)



- Red (85%)
- Yellow (67%)
- Blue (72%)



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





- Cyan (15%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.4100, 22.6930, 12.7490 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 186.4100, 22.6930, 12.7490 by changing the saturation by 10% instead.


 186.4100, 22.6930,
12.7490


 186.4100, 22.6930,
12.7490


255.0000, -0.0000,
-0.0000


 159.1110, 22.0970,
12.5370


 237.3270, 12.5610,
9.1450

 132.8120, 21.5010,
12.3250

 107.8010, 20.0340,
11.3780

 83.2030, 18.8420,
10.9540

 59.6050, 17.6500,
10.5300

 37.1210, 16.1370,
10.4170

 14.8330, 17.0080,

11.1520

■ 0.0000, 0.0000,
0.0000

■ 186.4100, 22.6930,
12.7490

■ 186.4100, 22.6930,
12.7490

■ 171.6720, 33.8790,
19.2790

■ 201.1480, 11.5070,
6.2190

■ 157.5210, 44.7900,
25.2860

■ 215.2990, 0.5960,
0.2120

■ 142.6690, 56.2970,
31.5050

■ 230.1510,
-10.9110, -6.0070

■ 128.5180, 67.2080,
37.5120

■ 242.5410,
-20.9970, -10.4450

■ 113.7800, 78.3940,
44.0420

■ 243.3390,
-23.2440, -8.2680

■ 99.0420, 89.5800,
50.5720

■ 84.8910, 100.4910,
56.5790

■ 70.7400, 111.4020,
62.5860

Harmonies

Analogous

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



186.4180, 11.0470, 14.5590



186.4100, 22.6930, 12.7490



185.4720, 28.1500, 7.4620

Triad

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



186.4100, 22.6930, 12.7490



180.9490, 4.0370, -12.5950



179.3630, -31.8190, -1.5390

Complementary

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



186.4100, 22.6930, 12.7490



201.5900, -22.6930, -12.7490

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.



177.3640, -33.5600, -8.5360



186.4100, 22.6930, 12.7490



178.6960, -11.3680, -14.2480

Square

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



186.4100, 22.6930, 12.7490



182.3530, 17.6990, -6.8850



177.6220, -25.7190, -12.9750



182.2660, -21.0000, 6.1360

Rectangle

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



186.4100, 22.6930, 12.7490



185.0110, 27.8300, 2.2460



177.6220, -25.7190, -12.9750



178.2980, -33.1940, -4.1540

Sweetspot

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



186.4100, 22.6930, 12.7490



244.9410, 7.6560, 4.4240



186.5840, 4.9480, 20.4680



121.9190, 4.7220, 2.5300



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.



186.4100, 22.6930, 12.7490



213.9490, 31.5410, 17.5970



191.0260, 23.4740, 4.0980



99.6310, 5.5930, 3.2650



56.0310, 88.1130, 49.6250



14.1110, 22.0970, 12.5370

Inverse Universe

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



186.4100, 22.6930, 12.7490



213.9490, 31.5410, 17.5970



196.9740, -23.4740, -4.0980



99.6310, 5.5930, 3.2650



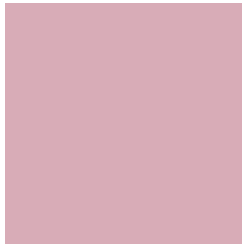
56.0310, 88.1130, 49.6250



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 186.4100, 22.6930, 12.7490 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 186.4100, 22.6930, 12.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

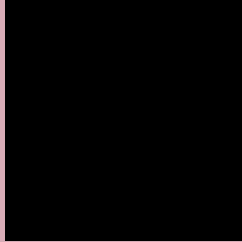
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4100, 22.6930, 12.7490

Background



This preview shows how black text looks on a background with the YIQ color 186.4100, 22.6930, 12.7490.



This preview shows how white text looks on a background with the YIQ color 186.4100, 22.6930,

12.7490.

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

186.4100, 22.6930, 12.7490

Protanopia

184.2820, -0.7340, 2.2900

Deuteranopia

185.6320, 13.0200, 6.3320



Tritanopia

186.6380, 22.0510, 13.3710

Trichromacy



Original Color

186.4100, 22.6930, 12.7490

Protanomaly

184.9950, 7.5640, 6.0920

Deuteranomaly

185.9530, 16.5500, 8.4380

Tritanomaly

186.5240, 22.3720, 13.0600

Monochromacy



Original Color

186.4100, 22.6930, 12.7490

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4100, 22.6930, 12.7490 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(216, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 183)  
}
```

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(216, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 183) }
```

Border

The CSS property to change the border of an element to YIQ 186.4100, 22.6930, 12.7490 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(216, 172, 183) }
```


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

```
.border{ border-color:rgb(216, 172, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4100, 22.6930, 12.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 183) }
```

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

```
.background{ background-color: rgb(216,  
172, 183) }
```

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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