

Converting Colors

YIQ(199.9260, 21.1800, 12.6360)

Have a look what the booklet for
YIQ(199.9260, 21.1800, 12.6360)
contains.

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Color

**YIQ(199.9260, 21.1800,
12.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BAC6
RGB	228, 186, 198
RGB Percent	89%, 73%, 78%
CMY	0.1058, 0.2706, 0.2234
CMYK	0.00, 0.18, 0.13, 0.11
HSL	343°, 44%, 81%
HSV	343°, 18%, 89%
XYZ	59.7540, 55.6869, 61.0369
YIQ	199.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

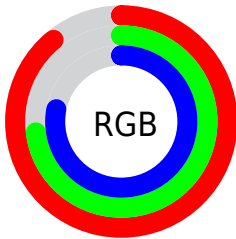
Format	Color
R _Y B	228, 186, 198
Decimal	14990022
CIE Lab	79.44, 16.97, -0.36
CIE LCh	79, 16.976, 358.771
Yxy	55.6869, 0.3386, 0.3155
Android (android.graphics.Color)	4293180102 (0xFFE4BAC6)
YUV	199.9260, -0.9495, 24.6209
Hunter-Lab	74.6237, 12.3403, 3.7416

Details

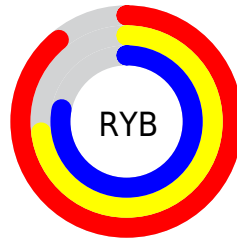
The YIQ color **199.9260, 21.1800, 12.6360** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214.0740, -21.1800, -12.6360**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.3690, 3.5750, 6.7990**, and **145.9150, 19.7130, 11.6890** is the 20% darker color. If you saturate the color by 10%, you get **184.6010, 32.6410, 19.6890**, and if you desaturate by 10%, it is **215.2510, 9.7190, 5.5830**.

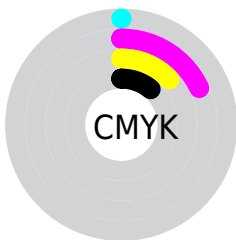
Distribution



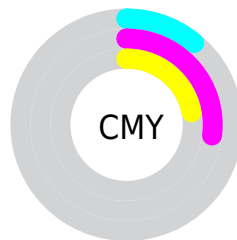
- Red (89%)
- Green (73%)
- Blue (78%)



- Red (89%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9260, 21.1800, 12.6360 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 199.9260, 21.1800, 12.6360 by changing the saturation by 10% instead.


 199.9260, 21.1800,
12.6360

 199.9260, 21.1800,
12.6360


255.0000, -0.0000,
-0.0000


 172.6270, 20.5840,
12.4240


 247.3690, 3.5750,
6.7990

 145.9150, 19.7130,
11.6890

 119.7300, 18.7960,
11.7880

 95.0180, 17.9250,
11.0530

 71.3060, 17.0540,
10.3180

 48.1210, 16.1370,
10.4170

 26.5230, 14.9450,

9.9930

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 199.9260, 21.1800,
12.6360

■ 199.9260, 21.1800,
12.6360

■ 184.6010, 32.6410,
19.6890

■ 215.2510, 9.7190,
5.5830

■ 169.1620, 44.4230,
26.4310

■ 230.6900, -2.0630,
-1.1590

■ 154.4240, 55.6090,
32.9610

■ 245.4280,
-13.2490, -7.6890

■ 139.0990, 67.0700,
40.0140

■ 246.9270,
-16.0920, -5.7240

■ 123.7740, 78.5310,
47.0670

■ 108.3350, 90.3130,
53.8090

■ 93.0100, 101.7740,
60.8620

■ 78.2720, 112.9600,
67.3920

■ 75.5820, 115.0230,
68.5510

Harmonies

Analogous

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



199.5210, 9.2590, 13.9230



199.9260, 21.1800, 12.6360



199.2870, 27.2330, 7.5610

Triad

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



199.9260, 21.1800, 12.6360



194.3730, 5.7790, -11.1250



193.0210, -30.8560, -2.4720

Complementary

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



199.9260, 21.1800, 12.6360



214.0740, -21.1800, -12.6360

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.



191.3210, -32.0010, -9.2570



199.9260, 21.1800, 12.6360



192.5930, -9.5800, -13.6120

Square

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



199.9260, 21.1800, 12.6360



196.0650, 18.5700, -6.1500



191.4050, -23.6100, -12.6500



195.7390, -20.9540, 5.3020

Rectangle

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



199.9260, 21.1800, 12.6360



198.6520, 27.4630, 3.3910



191.4050, -23.6100, -12.6500



192.3690, -31.9560, -4.5640

Sweetspot

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



199.9260, 21.1800, 12.6360



244.9410, 7.6560, 4.4240



199.4590, 3.8020, 19.2100



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.



199.9260, 21.1800, 12.6360



217.5680, 28.2400, 16.8480



203.2540, 22.8320, 4.7200



107.0440, 5.8680, 3.7880



59.3350, 90.3130, 53.8090



16.9590, 25.5810, 15.4770

Inverse Universe

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



199.9260, 21.1800, 12.6360



217.5680, 28.2400, 16.8480



210.7460, -22.8320, -4.7200



107.0440, 5.8680, 3.7880



59.3350, 90.3130, 53.8090



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 199.9260, 21.1800, 12.6360 looks on a white background.

Color Contrast Check

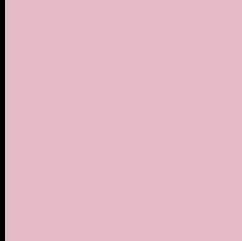
Large Text (above 18pt) WCAG AA × Fail

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 199.9260, 21.1800, 12.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

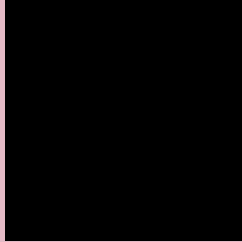
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9260, 21.1800, 12.6360

Background



This preview shows how black text looks on a background with the YIQ color 199.9260, 21.1800, 12.6360.



This preview shows how white text looks on a background with the YIQ color 199.9260, 21.1800,

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

199.9260, 21.1800, 12.6360

Protanopia

197.8090, -0.7800, 3.1240

Deuteranopia

199.1590, 12.9740, 7.1660



Tritanopia

200.1540, 20.5380, 13.2580

Trichromacy



Original Color

199.9260, 21.1800, 12.6360

Protanomaly

198.5220, 7.5180, 6.9260

Deuteranomaly

199.1810, 15.9080, 9.0600

Tritanomaly

200.0400, 20.8590, 12.9470

Monochromacy



Original Color

199.9260, 21.1800, 12.6360

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9260, 21.1800, 12.6360 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, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(228, 186, 198)  
}
```

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, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 198) }
```

Border

The CSS property to change the border of an element to YIQ 199.9260, 21.1800, 12.6360 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, 186, 198) }
```


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

```
.border{ border-color:rgb(228, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(228, 186,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9260, 21.1800, 12.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 198) }
```

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

```
.background{ background-color: rgb(228,  
186, 198) }
```

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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