

Converting Colors

YIQ(196.2290, 33.1480, 4.9880)

Have a look what the booklet for
YIQ(196.2290, 33.1480, 4.9880)
contains.

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Color

**YIQ(196.2290, 33.1480,
4.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B8A8
RGB	231, 184, 168
RGB Percent	91%, 72%, 66%
CMY	0.0940, 0.2785, 0.3410
CMYK	0.00, 0.20, 0.27, 0.09
HSL	15°, 57%, 78%
HSV	15°, 27%, 91%
XYZ	57.1711, 54.0945, 44.4918
YIQ	196.2290, 33.1480, 4.9880

Conversions

Conversions Part 2

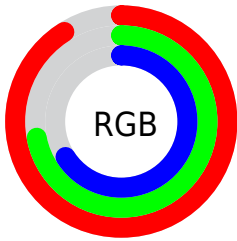
Format	Color
R _Y B	231, 189, 168
Decimal	15186088
CIE Lab	78.52, 14.67, 14.55
CIE LCh	79, 20.659, 44.764
Yxy	54.0945, 0.3671, 0.3473
Android (android.graphics.Color)	4293376168 (0xFFE7B8A8)
YUV	196.2290, -13.9169, 30.4942
Hunter-Lab	73.5490, 10.0408, 15.6182

Details

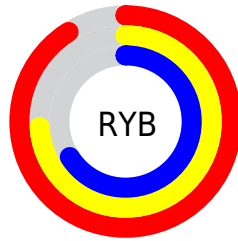
The YIQ color **196.2290, 33.1480, 4.9880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202.7710, -33.1480, -4.9880**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.5470, 14.3970, -2.1070**, and **142.1470, 30.4430, 4.4510** is the 20% darker color. If you saturate the color by 10%, you get **183.6280, 45.2060, 6.7260**, and if you desaturate by 10%, it is **208.8300, 21.0900, 3.2500**.

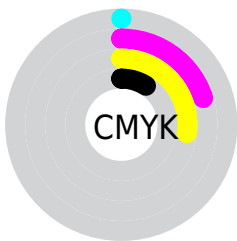
Distribution



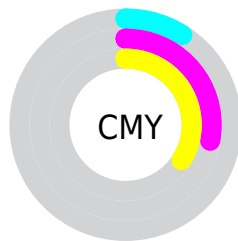
- Red (91%)
- Green (72%)
- Blue (66%)



- Red (91%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.2290, 33.1480, 4.9880 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 196.2290, 33.1480, 4.9880 by changing the saturation by 10% instead.


 196.2290, 33.1480,
4.9880


 196.2290, 33.1480,
4.9880


255.0000, -0.0000,
-0.0000


 168.7450, 31.6350,
4.8750


 242.5470, 14.3970,
-2.1070


 142.1470, 30.4430,
4.4510

 254.6580, 0.9630,
-0.9330

 116.5490, 29.2510,
4.0270

 91.4780, 28.0130,
4.4370

 67.6950, 25.9040,
4.1120

 44.9120, 23.7950,
3.7870

 22.8580, 23.8870,

2.1190

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 196.2290, 33.1480,
4.9880

■ 196.2290, 33.1480,
4.9880

■ 183.6280, 45.2060,
6.7260

■ 208.8300, 21.0900,
3.2500

■ 170.4400, 57.5390,
8.9870

■ 221.4310, 9.0320,
1.5120

■ 157.8390, 69.5970,
10.7250

■ 234.6190, -3.3010,
-0.7490

■ 145.2380, 81.6550,
12.4630

■ 246.6500,
-13.7540, -4.0420

■ 132.6370, 93.7130,
14.2010

■ 247.8240,
-14.3040, -5.0880

■ 119.3350,
106.3670, 16.1510

■ 106.7340,
118.4250, 17.8890

■ 103.1150,
121.7260, 18.6380

Harmonies

Analogous

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



197.3030, 30.3040, 12.4800



196.2290, 33.1480, 4.9880



194.7240, 26.9600, -4.0160

Triad

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



196.2290, 33.1480, 4.9880



188.2540, -21.8670, -16.7070



194.9400, -16.9660, 10.1220

Complementary

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



196.2290, 33.1480, 4.9880



202.7710, -33.1480, -4.9880

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.



190.9870, -33.5160, 1.6840



196.2290, 33.1480, 4.9880



186.5330, -35.7140, -13.5540

Square

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



196.2290, 33.1480, 4.9880



189.9480, -3.3900, -15.6620



187.7100, -40.3460, -6.6980



196.9810, 2.1520, 16.0720

Rectangle

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



196.2290, 33.1480, 4.9880



193.2560, 19.3500, -9.2740



187.7100, -40.3460, -6.6980



193.5370, -23.2010, 7.4790

Sweetspot

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



196.2290, 33.1480, 4.9880



243.9150, 10.5450, 1.6250



192.1950, 22.4610, 27.9730



120.6480, 6.9230, 1.1870



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.



196.2290, 33.1480, 4.9880



208.4430, 44.2890, 6.8250



214.4260, 24.6230, -11.2250



108.3490, 6.3270, 0.9750



79.9360, 94.3090, 14.4130



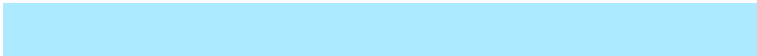
22.8800, 26.8210, 4.0130

Inverse Universe

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



202.7710, -33.1480, -4.9880



217.5570, -44.2890, -6.8250



184.5740, -24.6230, 11.2250



109.6510, -6.3270, -0.9750



98.4770, -94.0340, -13.8900



28.1200, -26.8210, -4.0130

Previews

White Background



This preview shows how the YIQ color 196.2290, 33.1480, 4.9880 looks on a white background.

Color Contrast Check

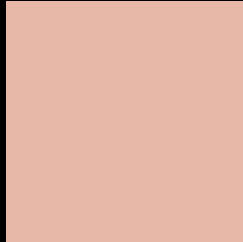
Large Text (above 18pt) WCAG AA × Fail

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 196.2290, 33.1480, 4.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

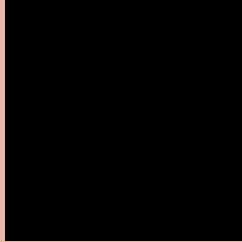
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.2290, 33.1480, 4.9880

Background



This preview shows how black text looks on a background with the YIQ color 196.2290, 33.1480, 4.9880.



This preview shows how white text looks on a background with the YIQ color 196.2290, 33.1480,

4.9880.

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

196.2290, 33.1480, 4.9880

Protanopia

194.2970, 12.1050, -4.6230

Deuteranopia

195.4840, 27.8760, 1.4120



Tritanopia

197.7420, 27.6900, 15.8020

Trichromacy



Original Color

196.2290, 33.1480, 4.9880

Protanomaly

194.7110, 19.8070, -1.0330

Deuteranomaly

195.7940, 29.9390, 2.5710

Tritanomaly

197.0040, 29.7080, 12.2680

Monochromacy



Original Color

196.2290, 33.1480, 4.9880

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.3990, 12.0580, 1.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2290, 33.1480, 4.9880 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(231, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 168)  
}
```

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(231, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 168) }
```

Border

The CSS property to change the border of an element to YIQ 196.2290, 33.1480, 4.9880 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(231, 184, 168) }
```


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

```
.border{ border-color:rgb(231, 184, 168) }
```

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

Here you see how a box with a 4 pixel rgb(231, 184, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2290, 33.1480, 4.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 168) }
```

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

```
.background{ background-color: rgb(231,  
184, 168) }
```

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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