

Converting Colors

YIQ(196.0670, 16.2290, 8.7490)

Have a look what the booklet for
YIQ(196.0670, 16.2290, 8.7490)
contains.

YIQ(196.0670, 16.2290, 8.7490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(196.0670, 16.2290,
8.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BAC1
RGB	217, 186, 193
RGB Percent	85%, 73%, 76%
CMY	0.1489, 0.2706, 0.2431
CMYK	0.00, 0.14, 0.11, 0.15
HSL	346°, 29%, 79%
HSV	346°, 14%, 85%
XYZ	55.8047, 53.7180, 57.8883
YIQ	196.0670, 16.2290, 8.7490

Conversions

Conversions Part 2

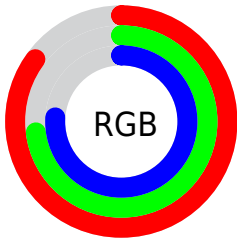
Format	Color
RYB	217, 186, 193
Decimal	14269121
CIELab	78.30, 12.23, 0.56
CIELCh	78, 12.239, 2.619
Yxy	53.7180, 0.3333, 0.3209
Android (android.graphics.Color)	4292459201 (0xFFD9BAC1)
YUV	196.0670, -1.5120, 18.3582
Hunter-Lab	73.2926, 7.6472, 4.4761

Details

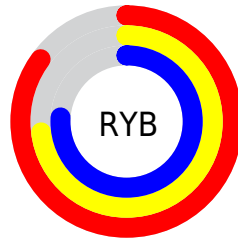
The YIQ color $196.0670, 16.2290, 8.7490$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $206.9330, -16.2290, -8.7490$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.6850, 5.5010, 4.9330$, and $142.4690, 15.0370, 8.3250$ is the 20% darker color. If you saturate the color by 10%, you get $181.2150, 27.7360, 14.9680$, and if you desaturate by 10%, it is $210.9190, 4.7220, 2.5300$.

Distribution



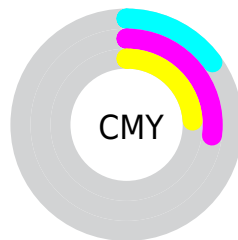
- Red (85%)
- Green (73%)
- Blue (76%)



- Red (85%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.0670, 16.2290, 8.7490 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 196.0670, 16.2290, 8.7490 by changing the saturation by 10% instead.

■ 196.0670, 16.2290,
8.7490

■ 196.0670, 16.2290,
8.7490

255.0000, -0.0000,
-0.0000

■ 168.7680, 15.6330,
8.5370

■ 246.6850, 5.5010,
4.9330

■ 142.4690, 15.0370,
8.3250

■ 116.7570, 14.1660,
7.5900

■ 91.8710, 13.8450,
7.9010

■ 68.1590, 12.9740,
7.1660

■ 45.8600, 12.3780,
6.9540

■ 24.9630, 10.5900,

6.3180

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 196.0670, 16.2290,
8.7490

■ 196.0670, 16.2290,
8.7490

■ 181.2150, 27.7360,
14.9680

■ 210.9190, 4.7220,
2.5300

■ 166.9500, 38.9680,
20.6640

■ 225.1840, -6.5100,
-3.1660

■ 152.2120, 50.1540,
27.1940

■ 239.9220,
-17.6960, -9.6960

■ 137.3600, 61.6610,
33.4130

■ 243.6380,
-22.6480, -8.0560

■ 122.5080, 73.1680,
39.6320

■ 108.2430, 84.4000,
45.3280

■ 93.3910, 95.9070,
51.5470

■ 78.6530, 107.0930,
58.0770

■ 70.4690, 113.6030,
61.2430

Harmonies

Analogous

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



195.8150, 8.2510, 10.1630



196.0670, 16.2290, 8.7490



195.6990, 20.0810, 5.0170

Triad

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



196.0670, 16.2290, 8.7490



191.9860, 2.6150, -8.8490



191.6370, -20.9070, -1.0590

Complementary

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



196.0670, 16.2290, 8.7490



206.9330, -16.2290, -8.7490

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.



190.1050, -22.4650, -5.8650



196.0670, 16.2290, 8.7490



190.5980, -7.9760, -9.6400

Square

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



196.0670, 16.2290, 8.7490



193.1830, 12.4260, -4.9340



189.7480, -17.1460, -8.6500



193.2190, -13.6180, 4.5100

Rectangle

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



196.0670, 16.2290, 8.7490



194.7050, 19.9440, 1.9920



189.7480, -17.1460, -8.6500



191.0990, -22.3280, -2.8400

Sweetspot

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



196.0670, 16.2290, 8.7490



248.2180, 5.3180, 2.7420



196.7100, 4.3530, 14.7290



123.3210, 3.5300, 2.1060



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.



196.0670, 16.2290, 8.7490



225.8830, 22.7390, 11.9150



199.9650, 16.2760, 2.3880



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Inverse Universe

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



196.0670, 16.2290, 8.7490



225.8830, 22.7390, 11.9150



203.0350, -16.2760, -2.3880



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 196.0670, 16.2290, 8.7490 looks on a white background.

Color Contrast Check

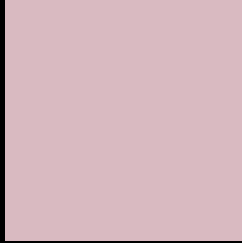
Large Text (above 18pt) WCAG AA × Fail

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 196.0670, 16.2290, 8.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

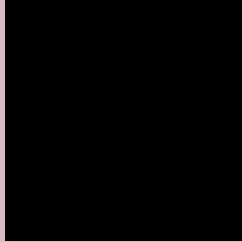
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.0670, 16.2290, 8.7490

Background



This preview shows how black text looks on a background with the YIQ color 196.0670, 16.2290, 8.7490.



This preview shows how white text looks on a background with the YIQ color 196.0670, 16.2290, 8.7490.

8.7490.

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

196.0670, 16.2290, 8.7490

Protanopia

194.3530, 0.5040, 1.8800

Deuteranopia

196.0450, 13.2950, 6.8550



Tritanopia

196.4630, 15.1740, 11.3500

Trichromacy



Original Color

196.0670, 16.2290, 8.7490

Protanomaly

194.8700, 6.4180, 4.8340

Deuteranomaly

195.7570, 14.1660, 7.5900

Tritanomaly

196.2350, 15.8160, 10.7280

Monochromacy



Original Color

196.0670, 16.2290, 8.7490

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.0670, 16.2290, 8.7490 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(217, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 193)  
}
```

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(217, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 193) }
```

Border

The CSS property to change the border of an element to YIQ 196.0670, 16.2290, 8.7490 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(217, 186, 193) }
```


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

```
.border{ border-color:rgb(217, 186, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 196.0670, 16.2290, 8.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 193) }
```

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

```
.background{ background-color: rgb(217,  
186, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor