

Converting Colors

YIQ(196.4320, 16.4590, 4.5790)

Have a look what the booklet for
YIQ(196.4320, 16.4590, 4.5790)
contains.

YIQ(196.4320, 16.4590, 4.5790)	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(196.4320, 16.4590,
4.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BDBA
RGB	215, 189, 186
RGB Percent	84%, 74%, 73%
CMY	0.1568, 0.2588, 0.2705
CMYK	0.00, 0.12, 0.13, 0.16
HSL	6°, 27%, 79%
HSV	6°, 13%, 84%
XYZ	55.0888, 54.3858, 54.0580
YIQ	196.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

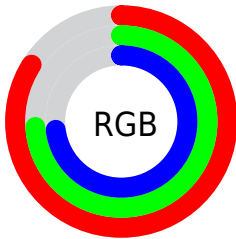
Format	Color
R _Y B	215, 189, 186
Decimal	14138810
CIE Lab	78.69, 8.75, 4.89
CIE LCh	79, 10.022, 29.175
Yxy	54.3858, 0.3369, 0.3326
Android (android.graphics.Color)	4292328890 (0xFFD7BDBA)
YUV	196.4320, -5.1430, 16.2841
Hunter-Lab	73.7467, 4.2828, 8.1618

Details

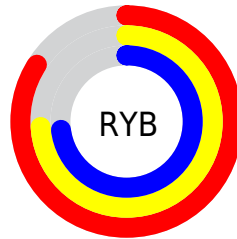
The YIQ color **196.4320, 16.4590, 4.5790** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204.5680, -16.4590, -4.5790**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.6480, 6.9230, 1.1870**, and **142.8340, 15.2670, 4.1550** is the 20% darker color. If you saturate the color by 10%, you get **182.8850, 28.4250, 7.9850**, and if you desaturate by 10%, it is **210.0930, 4.1720, 1.4840**.

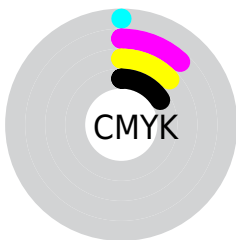
Distribution



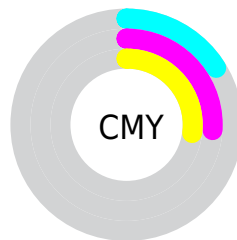
- Red (84%)
- Green (74%)
- Blue (73%)



- Red (84%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.4320, 16.4590, 4.5790 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 196.4320, 16.4590, 4.5790 by changing the saturation by 10% instead.


 196.4320, 16.4590,
4.5790


 196.4320, 16.4590,
4.5790


255.0000, -0.0000,
-0.0000


 169.1330, 15.8630,
4.3670


 247.6480, 6.9230,
1.1870

 142.8340, 15.2670,
4.1550

 116.9480, 14.9460,
4.4660

 92.3500, 13.7540,
4.0420

 68.9370, 13.4790,
3.5190

 46.4530, 11.9660,
3.4060

 25.1540, 11.3700,

3.1940

■ 2.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 196.4320, 16.4590,
4.5790

■ 196.4320, 16.4590,
4.5790

■ 182.8850, 28.4250,
7.9850

■ 210.0930, 4.1720,
1.4840

■ 168.6370, 40.9870,
11.6030

■ 224.2270, -8.0690,
-2.4450

■ 155.0900, 52.9530,
15.0090

■ 237.8880,
-20.3560, -5.5400

■ 141.4290, 65.2400,
18.1040

■ 243.0400,
-23.8400, -8.4800

■ 127.8820, 77.2060,
21.5100

■ 113.6340, 89.7680,
25.1280

■ 100.0870,
101.7340, 28.5340

■ 86.4260, 114.0210,
31.6290

■ 77.1990, 122.0900,
34.0740

Harmonies

Analogous

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



197.1590, 12.9740, 7.1660



196.4320, 16.4590, 4.5790



195.6120, 15.7720, 0.5080

Triad

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



196.4320, 16.4590, 4.5790



192.3210, -5.6380, -7.9580



194.6490, -12.0130, 2.9550

Complementary

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



196.4320, 16.4590, 4.5790



204.5680, -16.4590, -4.5790

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.



192.7900, -16.9640, -0.9320



196.4320, 16.4590, 4.5790



191.5420, -13.5700, -7.3780

Square

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



196.4320, 16.4590, 4.5790



193.3390, 3.1190, -6.9690



191.9700, -17.6510, -5.0030



195.3620, -3.7150, 6.7570

Rectangle

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



196.4320, 16.4590, 4.5790



195.0630, 12.8840, -2.2200



191.9700, -17.6510, -5.0030



194.0400, -14.6720, 1.5840

Sweetspot

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



196.4320, 16.4590, 4.5790



248.5770, 5.6850, 1.5970



197.6350, 8.9380, 14.2340



123.6800, 3.8970, 0.9610



0.0000, 0.0000, 0.0000



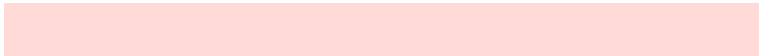
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.4320, 16.4590, 4.5790



228.6070, 23.3360, 6.6000



204.6500, 12.6090, -2.7430



99.8760, 6.2810, 1.8090



61.6950, 96.9660, 26.8380



15.2050, 24.5280, 7.0240

Inverse Universe

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



204.5680, -16.4590, -4.5790



240.3930, -23.3360, -6.6000



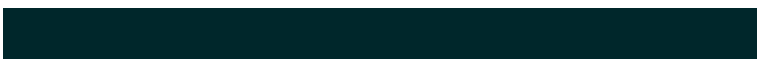
196.3500, -12.6090, 2.7430



103.1240, -6.2810, -1.8090



109.3050, -96.9660, -26.8380



27.7950, -24.5280, -7.0240

Previews

White Background



This preview shows how the YIQ color 196.4320, 16.4590, 4.5790 looks on a white background.

Color Contrast Check

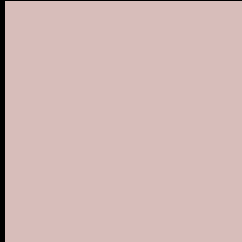
Large Text (above 18pt) WCAG AA × Fail

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 196.4320, 16.4590, 4.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

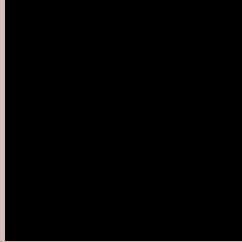
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4320, 16.4590, 4.5790

Background



This preview shows how black text looks on a background with the YIQ color 196.4320, 16.4590, 4.5790.



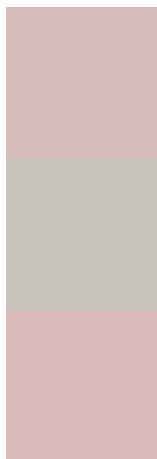
This preview shows how white text looks on a background with the YIQ color 196.4320, 16.4590,

4.5790.

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

196.4320, 16.4590, 4.5790

Protanopia

195.2240, 5.1810, -0.2830

Deuteranopia

196.4430, 17.9260, 5.5260



Tritanopia

197.5660, 13.3860, 10.7140

Trichromacy



Original Color

196.4320, 16.4590, 4.5790

Protanomaly

195.4310, 9.0320, 1.5120

Deuteranomaly

196.1440, 17.3300, 5.3140

Tritanomaly

197.2840, 14.1200, 8.4240

Monochromacy



Original Color

196.4320, 16.4590, 4.5790

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8760, 6.2810, 1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4320, 16.4590, 4.5790 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(215, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(215, 189, 186)  
}
```

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(215, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 189, 186) }
```

Border

The CSS property to change the border of an element to YIQ 196.4320, 16.4590, 4.5790 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(215, 189, 186) }
```


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

```
.border{ border-color:rgb(215, 189, 186) }
```

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

Here you see how a box with a 4 pixel rgb(215, 189, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(215, 189,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4320, 16.4590, 4.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 189, 186) }
```

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

```
.background{ background-color: rgb(215,  
189, 186) }
```

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