

Converting Colors

YIQ(196.4540, 19.3930, 6.4730)

Have a look what the booklet for
YIQ(196.4540, 19.3930, 6.4730)
contains.

| | |
|--|----|
| YIQ(196.4540, 19.3930, 6.4730) | 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(196.4540, 19.3930,
6.4730)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBBBBA |
| RGB | 219, 187, 186 |
| RGB Percent | 86%, 73%, 73% |
| CMY | 0.1411, 0.2667, 0.2705 |
| CMYK | 0.00, 0.15, 0.15, 0.14 |
| HSL | 2°, 31%, 79% |
| HSV | 2°, 15%, 86% |
| XYZ | 55.8517, 54.1440, 53.9726 |
| YIQ | 196.4540, 19.3930, 6.4730 |

Conversions

Conversions Part 2

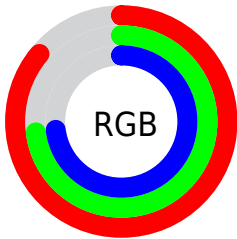
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 219, 187, 186 |
| Decimal | 14400442 |
| CIE Lab | 78.55, 11.27, 4.73 |
| CIE LCh | 79, 12.223, 22.750 |
| Yxy | 54.1440, 0.3406, 0.3302 |
| Android (android.graphics.Color) | 4292590522 (0xFFDDBBBA) |
| YUV | 196.4540, -5.1538, 19.7728 |
| Hunter-Lab | 73.5826, 6.7180, 8.0188 |

Details

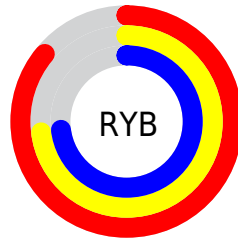
The YIQ color $196.4540, 19.3930, 6.4730$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $208.5460, -19.3930, -6.4730$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.4740, 7.4730, 2.2330$, and $142.8560, 18.2010, 6.0490$ is the 20% darker color. If you saturate the color by 10%, you get $181.6190, 32.2300, 10.6140$, and if you desaturate by 10%, it is $211.2890, 6.5560, 2.3320$.

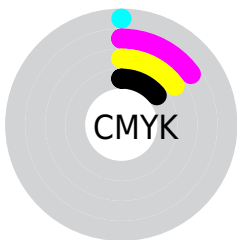
Distribution



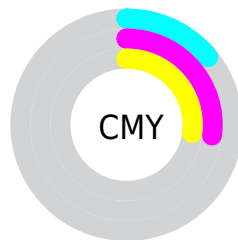
- Red (86%)
- Green (73%)
- Blue (73%)



- Red (86%)
- Yellow (73%)
- Blue (73%)



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




- Cyan (14%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.4540, 19.3930, 6.4730 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 196.4540, 19.3930, 6.4730 by changing the saturation by 10% instead.

 196.4540, 19.3930,
6.4730


 196.4540, 19.3930,
6.4730


255.0000, -0.0000,
-0.0000


 169.1550, 18.7970,
6.2610


 246.4740, 7.4730,
2.2330

 142.8560, 18.2010,
6.0490

 116.6710, 17.2840,
6.1480

 92.0730, 16.0920,
5.7240

 68.6600, 15.8170,
5.2010

 46.1760, 14.3040,
5.0880

 24.5780, 13.1120,

4.6640

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 196.4540, 19.3930,
6.4730

■ 196.4540, 19.3930,
6.4730

■ 181.6190, 32.2300,
10.6140

■ 211.2890, 6.5560,
2.3320

■ 166.1970, 45.3420,
15.2780

■ 226.7110, -6.5560,
-2.3320

■ 151.3620, 58.1790,
19.4190

■ 241.5460,
-19.3930, -6.4730

■ 136.5270, 71.0160,
23.5600

■ 244.2360,
-21.4560, -7.6320

■ 121.8060, 83.5320,
28.0120

■ 106.3840, 96.6440,
32.6760

■ 91.5490, 109.4810,
36.8170

■ 76.7140, 122.3180,
40.9580

■ 69.0030, 128.8740,
43.2900

Harmonies

Analogous

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



196.9250, 13.7530, 9.5690



196.4540, 19.3930, 6.4730



195.7050, 19.9440, 1.9920

Triad

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



196.4540, 19.3930, 6.4730



191.4520, -4.6290, -9.7250



193.3110, -16.8730, 2.9270

Complementary

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



196.4540, 19.3930, 6.4730



208.5460, -19.3930, -6.4730

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.



191.5120, -22.0530, -2.3170



196.4540, 19.3930, 6.4730



190.8900, -14.6700, -9.4700

Square

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



196.4540, 19.3930, 6.4730



192.7800, 6.1910, -7.5770



190.7630, -21.5020, -6.7980



194.9210, -6.7870, 7.3650

Rectangle

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



196.4540, 19.3930, 6.4730



194.6290, 17.1020, -1.5700



190.7630, -21.5020, -6.7980



192.5880, -19.2110, 1.2450

Sweetspot

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



196.4540, 19.3930, 6.4730



246.4740, 7.4730, 2.2330



199.5150, 9.3960, 16.9480



122.3920, 4.7680, 1.6960



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.



196.4540, 19.3930, 6.4730



223.3410, 27.1410, 9.2290



205.8460, 14.9930, -1.8950



102.2890, 6.5560, 2.3320



54.6620, 101.7330, 34.0610



14.3410, 27.1410, 9.2290

Inverse Universe

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



208.5460, -19.3930, -6.4730



240.6590, -27.1410, -9.2290



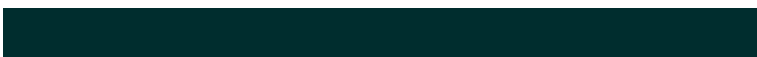
199.1540, -14.9930, 1.8950



106.1240, -6.2810, -1.8090



118.3380, -101.7330, -34.0610



31.6590, -27.1410, -9.2290

Previews

White Background



This preview shows how the YIQ color 196.4540, 19.3930, 6.4730 looks on a white background.

Color Contrast Check

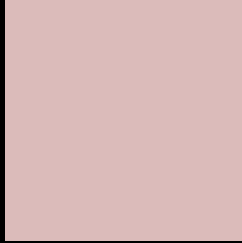
Large Text (above 18pt) WCAG AA × Fail

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 196.4540, 19.3930, 6.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

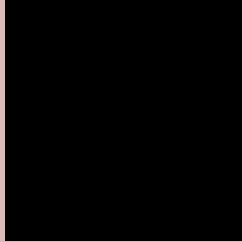
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4540, 19.3930, 6.4730

Background



This preview shows how black text looks on a background with the YIQ color 196.4540, 19.3930, 6.4730.



This preview shows how white text looks on a background with the YIQ color 196.4540, 19.3930,

6.4730.

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

196.4540, 19.3930, 6.4730

Protanopia

195.0390, 4.2640, -0.1840

Deuteranopia

196.4430, 17.9260, 5.5260



Tritanopia

197.3600, 16.9620, 11.9860

Trichromacy



Original Color

196.4540, 19.3930, 6.4730

Protanomaly

195.2570, 9.5820, 2.5580

Deuteranomaly

196.7420, 18.5220, 5.7380

Tritanomaly

197.0780, 17.6960, 9.6960

Monochromacy



Original Color

196.4540, 19.3930, 6.4730

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1750, 6.8770, 2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4540, 19.3930, 6.4730 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(219, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 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(219, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 186) }
```

Border

The CSS property to change the border of an element to YIQ 196.4540, 19.3930, 6.4730 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(219, 187, 186) }
```


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

```
.border{ border-color:rgb(219, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4540, 19.3930, 6.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 186) }
```

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

```
.background{ background-color: rgb(219,  
187, 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