

Converting Colors

YIQ(213.4540, 10.2250, -3.5910)

Have a look what the booklet for
YIQ(213.4540, 10.2250, -3.5910)
contains.

| | |
|--|----|
| YIQ(213.4540, 10.2250, -3.5910) | 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(213.4540, 10.2250,
-3.5910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDD5C4 |
| RGB | 221, 213, 196 |
| RGB Percent | 87%, 84%, 77% |
| CMY | 0.1333, 0.1647, 0.2313 |
| CMYK | 0.00, 0.04, 0.11, 0.13 |
| HSL | 41°, 27%, 82% |
| HSV | 41°, 11%, 87% |
| XYZ | 63.5782, 66.9454, 61.8036 |
| YIQ | 213.4540, 10.2250, -3.5910 |

Conversions

Conversions Part 2

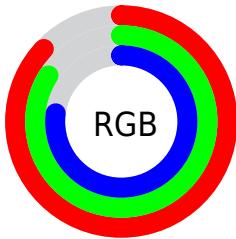
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 208, 221, 196 |
| Decimal | 14538180 |
| CIE Lab | 85.48, -0.12, 9.36 |
| CIE LCh | 85, 9.365, 90.721 |
| Yxy | 66.9454, 0.3306, 0.3481 |
| Android (android.graphics.Color) | 4292728260 (0xFFDDD5C4) |
| YUV | 213.4540, -8.6048, 6.6178 |
| Hunter-Lab | 81.8202, -4.4822, 12.4889 |

Details

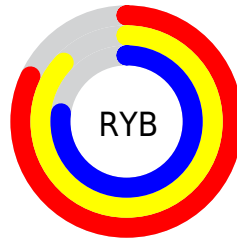
The YIQ color **213.4540, 10.2250, -3.5910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203.5460, -10.2250, 3.5910**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7720, 0.6420, -0.6220**, and **158.5680, 9.9040, -3.2800** is the 20% darker color. If you saturate the color by 10%, you get **206.8370, 19.2120, -6.7720**, and if you desaturate by 10%, it is **220.0710, 1.2380, -0.4100**.

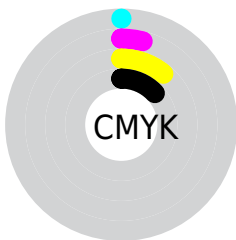
Distribution



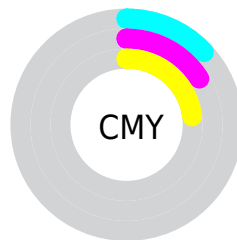
- Red (87%)
- Green (84%)
- Blue (77%)



- Red (82%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4540, 10.2250, -3.5910 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 213.4540, 10.2250, -3.5910 by changing the saturation by 10% instead.

■ 213.4540, 10.2250,
-3.5910

■ 213.4540, 10.2250,
-3.5910

255.0000, -0.0000,
-0.0000

■ 185.5680, 9.9040,
-3.2800

254.7720, 0.6420,
-0.6220

■ 158.5680, 9.9040,
-3.2800

■ 132.3830, 8.9870,
-3.1810

■ 107.3830, 8.9870,
-3.1810

■ 83.1980, 8.0700,
-3.0820

■ 60.1980, 8.0700,
-3.0820

■ 38.0130, 7.1530,

-2.9830

■ 17.1550, 9.6290,
-3.8030

■ 0.0000, 0.0000,
0.0000

■ 213.4540, 10.2250,
-3.5910

■ 213.4540, 10.2250,
-3.5910

■ 206.8370, 19.2120,
-6.7720

■ 220.0710, 1.2380,
-0.4100

■ 200.2200, 28.1990,
-9.9530

■ 226.6880, -7.7490,
2.7710

■ 193.6030, 37.1860,
-13.1340

■ 232.5070,
-14.4890, 3.7750

■ 186.9860, 46.1730,
-16.3150

■ 236.6160,
-16.4140, 0.1140

■ 180.3690, 55.1600,
-19.4960

■ 240.7250,
-18.3390, -3.5470

■ 173.6380, 64.4680,
-22.9880

■ 244.8340,
-20.2640, -7.2080

■ 166.4340, 73.7300,
-25.6460

■ 159.8170, 82.7170,
-28.8270

■ 154.1290, 90.4660,
-31.5980

Harmonies

Analogous

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



214.3130, 15.1760, 0.2960



213.4540, 10.2250, -3.5910



212.4530, 2.7980, -6.6580

Triad

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



213.4540, 10.2250, -3.5910



211.2690, -17.0550, -4.7910



215.5650, 5.9590, 7.6470

Complementary

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



213.4540, 10.2250, -3.5910



203.5460, -10.2250, 3.5910

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.



214.5470, -2.7980, 6.6580



213.4540, 10.2250, -3.5910



212.0890, -16.3680, -0.7200

Square

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



213.4540, 10.2250, -3.5910



210.8410, -12.9740, -7.1660



213.2470, -10.8210, 3.3790



215.8600, 12.3780, 6.9540

Rectangle

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



213.4540, 10.2250, -3.5910



211.4030, -2.9330, -7.4210



213.2470, -10.8210, 3.3790



215.5970, 2.9330, 7.4210

Sweetspot

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



213.4540, 10.2250, -3.5910



252.9140, 3.1180, -1.4420



204.3870, 12.3320, 7.7880



126.1420, 2.4760, -0.8200



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.



213.4540, 10.2250, -3.5910



244.4390, 14.5810, -5.4430



216.9540, 5.6410, -8.6230



106.3980, 4.6310, -1.3290



120.9930, 70.6580, -25.0380



31.9510, 18.8910, -6.4610

Inverse Universe

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



203.5460, -10.2250, 3.5910



230.1480, -14.8560, 4.9200



200.0460, -5.6410, 8.6230



102.0150, -4.3560, 1.8520



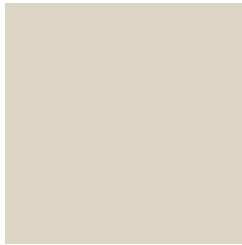
52.5940, -70.9330, 24.5150



14.0490, -18.8910, 6.4610

Previews

White Background



This preview shows how the YIQ color 213.4540, 10.2250, -3.5910 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 213.4540, 10.2250, -3.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

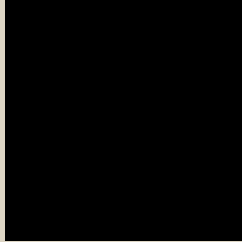
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

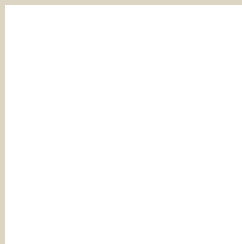
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.4540, 10.2250, -3.5910

Background



This preview shows how black text looks on a background with the YIQ color 213.4540, 10.2250, -3.5910.



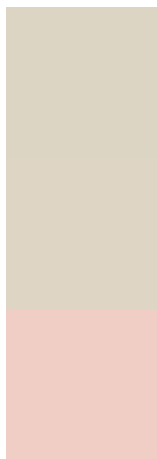
This preview shows how white text looks on a background with the YIQ color 213.4540, 10.2250, -3.5910.

-3.5910.

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

213.4540, 10.2250, -3.5910

Protanopia

213.7530, 10.8210, -3.3790

Deuteranopia

215.1400, 23.1530, 4.4090



Tritanopia

215.6080, 4.4000, 8.3680

Trichromacy



Original Color

213.4540, 10.2250, -3.5910

Protanomaly

213.7530, 10.8210, -3.3790

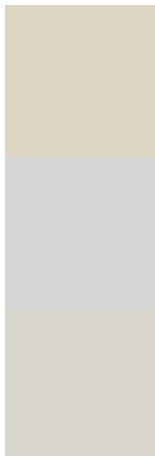
Deuteranomaly

214.8080, 18.1560, 1.3560

Tritanomaly

214.6420, 7.0600, 4.2120

Monochromacy



Original Color

213.4540, 10.2250, -3.5910

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4540, 10.2250, -3.5910 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(221, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 196)  
}
```

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(221, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 196) }
```

Border

The CSS property to change the border of an element to YIQ 213.4540, 10.2250, -3.5910 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(221, 213, 196) }
```


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

```
.border{ border-color:rgb(221, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4540, 10.2250, -3.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 196) }
```

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

```
.background{ background-color: rgb(221,  
213, 196) }
```

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