

Converting Colors

YIQ(221.8210, -1.0540, -2.9260)

Have a look what the booklet for
YIQ(221.8210, -1.0540, -2.9260)
contains.

YIQ(221.8210, -1.0540, -2.9260)	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(221.8210, -1.0540,
-2.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE0DA
RGB	219, 224, 218
RGB Percent	86%, 88%, 85%
CMY	0.1412, 0.1215, 0.1451
CMYK	0.02, 0.00, 0.03, 0.12
HSL	110°, 9%, 87%
HSV	110°, 3%, 88%
XYZ	68.5233, 73.4338, 76.8923
YIQ	221.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

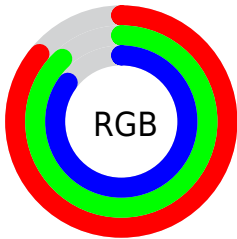
Format	Color
R _Y B	218, 224, 223
Decimal	14409946
CIE Lab	88.65, -2.76, 2.34
CIE LCh	89, 3.616, 139.764
Yxy	73.4338, 0.3131, 0.3355
Android (android.graphics.Color)	4292600026 (0xFFDBE0DA)
YUV	221.8210, -1.8838, -2.4740
Hunter-Lab	85.6935, -7.2293, 6.7849

Details

The YIQ color $221.8210, -1.0540, -2.9260$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $220.1790, 1.0540, 2.9260$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.8210, -1.0540, -2.9260$ is the 20% darker color. If you saturate the color by 10%, you get $213.6320, -5.3160, -13.7960$, and if you desaturate by 10%, it is $230.0100, 3.2080, 7.9440$.

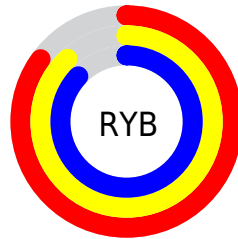
Distribution



Red (86%)

Green (88%)

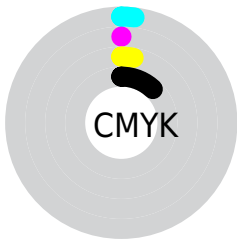
Blue (85%)



Red (85%)

Yellow (88%)

Blue (87%)

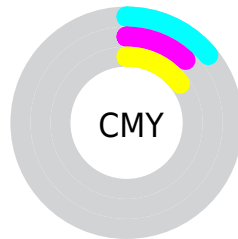


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8210, -1.0540, -2.9260 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 221.8210, -1.0540, -2.9260 by changing the saturation by 10% instead.

■ 221.8210, -1.0540,
-2.9260

■ 221.8210, -1.0540,
-2.9260

255.0000, -0.0000,
-0.0000

■ 193.8210, -1.0540,
-2.9260

■ 166.8210, -1.0540,
-2.9260

■ 140.2340, -0.7790,
-2.4030

■ 114.9350, -1.3750,
-2.6150

■ 90.2340, -0.7790,
-2.4030

■ 67.2340, -0.7790,
-2.4030

■ 44.6470, -0.5040,

-1.8800

■ 24.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 221.8210, -1.0540,
-2.9260

■ 221.8210, -1.0540,
-2.9260

■ 213.6320, -5.3160,
-13.7960

■ 230.0100, 3.2080,
7.9440

■ 205.6280, -8.6610,
-24.7650

■ 236.8030, 8.5250,
16.2130

■ 197.4390,
-12.9230, -35.6350

■ 189.1360,
-16.8640, -46.8160

■ 181.2460,
-20.5300, -57.4740

■ 173.0570,
-24.7920, -68.3440

■ 164.7540,
-28.7330, -79.5250

■ 156.8640,
-32.3990, -90.1830

■ 148.5610,
-36.3400, -101.3640

Harmonies

Analogous

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



222.2020, 2.2470, -2.1770



221.8210, -1.0540, -2.9260



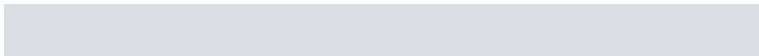
221.8530, -4.0800, -3.1520

Triad

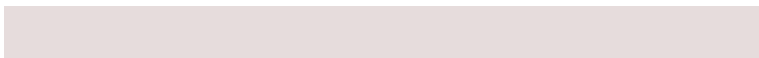
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.8210, -1.0540, -2.9260



222.1890, -4.9060, 0.8060



222.9900, 5.9600, 2.1200

Complementary

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



221.8210, -1.0540, -2.9260



220.1790, 1.0540, 2.9260

Split Complementary

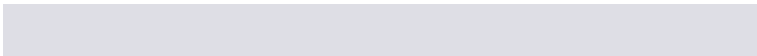
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.1470, 4.0800, 3.1520



221.8210, -1.0540, -2.9260



222.7980, -2.2470, 2.1770

Square

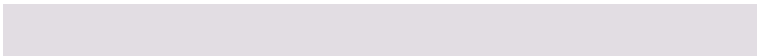
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8210, -1.0540, -2.9260



221.7650, -6.6480, -0.6640



223.1790, 1.0540, 2.9260



223.2350, 6.6480, 0.6640

Rectangle

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



221.8210, -1.0540, -2.9260



221.8960, -5.6390, -2.4310



223.1790, 1.0540, 2.9260



223.1040, 5.6390, 2.4310

Sweetspot

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



221.8210, -1.0540, -2.9260



254.0600, -0.2290, -1.3570



222.7290, 2.2010, -1.3430



127.1740, -0.5500, -1.0460



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.



221.8210, -1.0540, -2.9260



252.2940, -1.0080, -3.7600



221.7500, -2.2920, -2.5160



110.3480, -1.1000, -2.0920



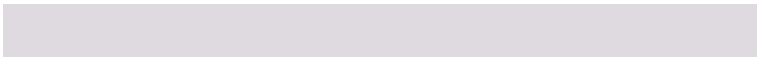
111.9830, -31.1160, -85.9000



30.5680, -8.4320, -23.4080

Inverse Universe

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



220.1790, 1.0540, 2.9260



250.0050, 1.6040, 3.9720



220.2500, 2.2920, 2.5160



109.3530, 0.5040, 1.8800



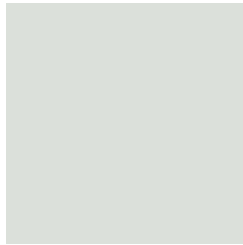
64.0170, 31.1160, 85.9000



17.4320, 8.4320, 23.4080

Previews

White Background



This preview shows how the YIQ color 221.8210, -1.0540, -2.9260 looks on a white background.

Color Contrast Check

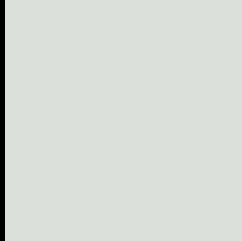
Large Text (above 18pt) WCAG AA × Fail

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 221.8210, -1.0540, -2.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

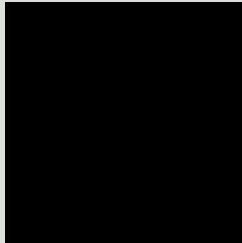
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

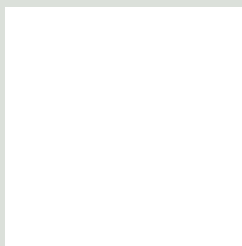
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.8210, -1.0540, -2.9260

Background



This preview shows how black text looks on a background with the YIQ color 221.8210, -1.0540, -2.9260.



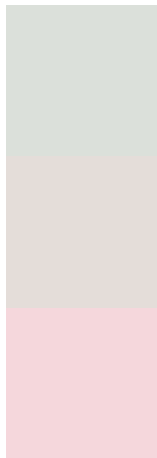
This preview shows how white text looks on a background with the YIQ color 221.8210, -1.0540,

-2.9260.

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

221.8210, -1.0540, -2.9260

Protanopia

222.6370, 5.4560, 0.2400

Deuteranopia

224.5400, 16.2750, 7.9150



Tritanopia

223.2370, -4.8610, 5.4990

Trichromacy



Original Color

221.8210, -1.0540, -2.9260

Protanomaly

222.3270, 3.3930, -0.9190

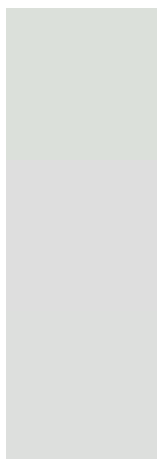
Deuteranomaly

223.4960, 10.4070, 4.1270

Tritanomaly

222.7270, -3.4850, 2.5870

Monochromacy



Original Color

221.8210, -1.0540, -2.9260

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1740, -0.5500, -1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8210, -1.0540, -2.9260 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, 224, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 218)  
}
```

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, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 218) }
```

Border

The CSS property to change the border of an element to YIQ 221.8210, -1.0540, -2.9260 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, 224, 218) }
```


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

```
.border{ border-color:rgb(219, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8210, -1.0540, -2.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 218) }
```

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

```
.background{ background-color: rgb(219,  
224, 218) }
```

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