

Converting Colors

YIQ(216.9850, 4.3560, -1.8520)

Have a look what the booklet for
YIQ(216.9850, 4.3560, -1.8520)
contains.

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Color

**YIQ(216.9850, 4.3560,
-1.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9D1
RGB	220, 217, 209
RGB Percent	86%, 85%, 82%
CMY	0.1372, 0.1490, 0.1804
CMYK	0.00, 0.01, 0.05, 0.14
HSL	44°, 14%, 84%
HSV	44°, 5%, 86%
XYZ	65.8373, 69.4445, 70.2596
YIQ	216.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

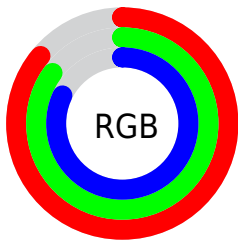
Format	Color
RYB	213, 220, 209
Decimal	14473681
CIELab	86.72, -0.38, 4.28
CIELCh	87, 4.299, 95.008
Yxy	69.4445, 0.3203, 0.3379
Android (android.graphics.Color)	4292663761 (0xFFD9D1)
YUV	216.9850, -3.9366, 2.6442
Hunter-Lab	83.3334, -4.8101, 8.3451

Details

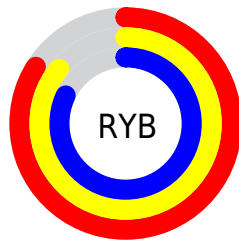
The YIQ color **216.9850, 4.3560, -1.8520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212.0150, -4.3560, 1.8520**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.0990, 4.0350, -1.5410** is the 20% darker color. If you saturate the color by 10%, you get **210.9550, 13.0680, -5.5560**, and if you desaturate by 10%, it is **223.0150, -4.3560, 1.8520**.

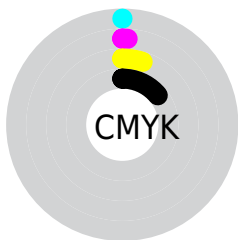
Distribution



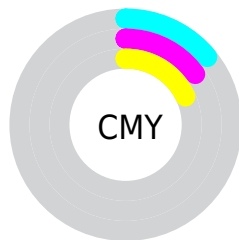
- Red (86%)
- Green (85%)
- Blue (82%)



- Red (84%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.9850, 4.3560, -1.8520 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 216.9850, 4.3560, -1.8520 by changing the saturation by 10% instead.

■ 216.9850, 4.3560,
-1.8520

■ 216.9850, 4.3560,
-1.8520

255.0000, -0.0000,
-0.0000

■ 188.9850, 4.3560,
-1.8520

■ 162.0990, 4.0350,
-1.5410

■ 136.0990, 4.0350,
-1.5410

■ 110.8000, 3.4390,
-1.7530

■ 86.2130, 3.7140,
-1.2300

■ 62.9140, 3.1180,
-1.4420

■ 40.9140, 3.1180,

-1.4420

■ 20.8000, 3.4390,
-1.7530

■ 0.0000, 0.0000,
0.0000

■ 216.9850, 4.3560,
-1.8520

■ 216.9850, 4.3560,
-1.8520

■ 210.9550, 13.0680,
-5.5560

■ 223.0150, -4.3560,
1.8520

■ 204.9250, 21.7800,
-9.2600

■ 229.0450,
-13.0680, 5.5560

■ 198.8950, 30.4920,
-12.9640

■ 232.7950,
-15.3600, 3.0400

■ 192.8650, 39.2040,
-16.6680

■ 236.3170,
-17.0100, -0.0980

■ 186.8350, 47.9160,
-20.3720

■ 239.8390,
-18.6600, -3.2360

■ 180.8050, 56.6280,
-24.0760

■ 243.3610,
-20.3100, -6.3740

■ 174.7750, 65.3400,
-27.7800

■ 244.5350,
-20.8600, -7.4200

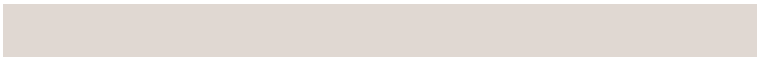
■ 168.7450, 74.0520,
-31.4840

■ 162.7150, 82.7640,
-35.1880

Harmonies

Analogous

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



217.7080, 6.6940, -0.1700



216.9850, 4.3560, -1.8520



216.1910, 0.7800, -3.1240

Triad

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



216.9850, 4.3560, -1.8520



216.0530, -7.5190, -1.3990



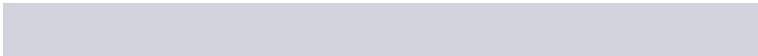
218.0760, 2.8420, 3.5620

Complementary

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



216.9850, 4.3560, -1.8520



212.0150, -4.3560, 1.8520

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.



217.8090, -0.7800, 3.1240



216.9850, 4.3560, -1.8520



216.2920, -6.6940, 0.1700

Square

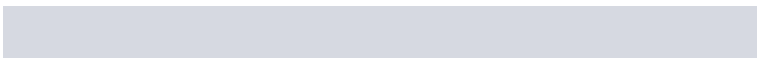
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.9850, 4.3560, -1.8520



216.1840, -6.5100, -3.1660



217.0150, -4.3560, 1.8520



217.9300, 6.1890, 3.4770

Rectangle

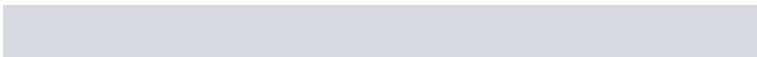
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.9850, 4.3560, -1.8520



216.1090, -1.9250, -3.6610



217.0150, -4.3560, 1.8520



217.8910, 1.9250, 3.6610

Sweetspot

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



216.9850, 4.3560, -1.8520



254.0710, 1.2380, -0.4100



212.6310, 5.5930, 3.2650



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



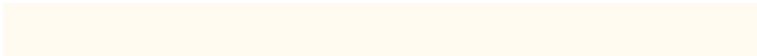
128.0000, -0.0000, -0.0000

Same Dimension

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



216.9850, 4.3560, -1.8520



250.9420, 5.9150, -2.5730



218.1480, 2.3390, -3.8450



107.9140, 3.1180, -1.4420



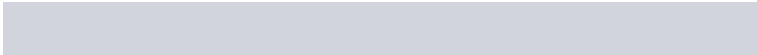
125.6890, 68.4580, -29.2220



33.1250, 18.3410, -7.5070

Inverse Universe

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



212.0150, -4.3560, 1.8520



244.0580, -5.9150, 2.5730



210.8520, -2.3390, 3.8450



104.0860, -3.1180, 1.4420



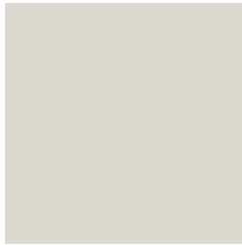
47.3110, -68.4580, 29.2220



12.8750, -18.3410, 7.5070

Previews

White Background



This preview shows how the YIQ color 216.9850, 4.3560, -1.8520 looks on a white background.

Color Contrast Check

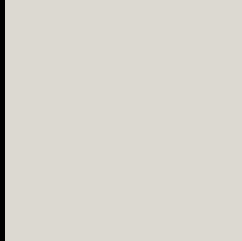
Large Text (above 18pt) WCAG AA × Fail

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 216.9850, 4.3560, -1.8520 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

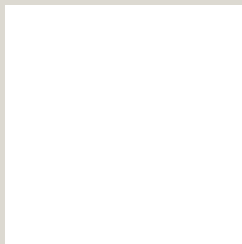
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.9850, 4.3560, -1.8520

Background



This preview shows how black text looks on a background with the YIQ color 216.9850, 4.3560, -1.8520.



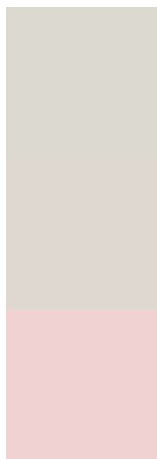
This preview shows how white text looks on a background with the YIQ color 216.9850, 4.3560,

-1.8520.

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

216.9850, 4.3560, -1.8520

Protanopia

217.2950, 6.4190, -0.6930

Deuteranopia

218.9700, 17.8800, 6.3600



Tritanopia

218.6290, -0.0930, 7.1950

Trichromacy



Original Color

216.9850, 4.3560, -1.8520

Protanomaly

216.9960, 5.8230, -0.9050

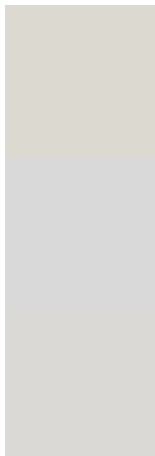
Deuteranomaly

218.6380, 12.8830, 3.3070

Tritanomaly

218.0050, 1.6040, 3.9720

Monochromacy



Original Color

216.9850, 4.3560, -1.8520

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.9850, 4.3560, -1.8520 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(220, 217, 209)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 209)  
}
```

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(220, 217, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 209) }
```

Border

The CSS property to change the border of an element to YIQ 216.9850, 4.3560, -1.8520 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(220, 217, 209) }
```


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

```
.border{ border-color:rgb(220, 217, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 216.9850, 4.3560, -1.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 209) }
```

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

```
.background{ background-color: rgb(220,  
217, 209) }
```

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](#).

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