

Converting Colors

YIQ(218.8520, 14.8560, -4.9200)

Have a look what the booklet for
YIQ(218.8520, 14.8560, -4.9200)
contains.

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Color

**YIQ(218.8520, 14.8560,
-4.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DAC2
RGB	230, 218, 194
RGB Percent	90%, 85%, 76%
CMY	0.0980, 0.1451, 0.2391
CMYK	0.00, 0.05, 0.16, 0.10
HSL	40°, 42%, 83%
HSV	40°, 16%, 90%
XYZ	67.4441, 70.8597, 61.1732
YIQ	218.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

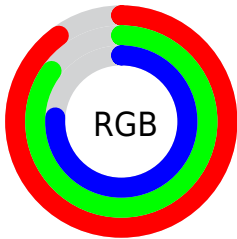
Format	Color
RYB	212, 230, 194
Decimal	15129282
CIELab	87.42, 0.21, 13.27
CIELCh	87, 13.276, 89.104
Yxy	70.8597, 0.3381, 0.3552
Android (android.graphics.Color)	4293319362 (0xFFE6DAC2)
YUV	218.8520, -12.2520, 9.7768
Hunter-Lab	84.1782, -4.2964, 15.8381

Details

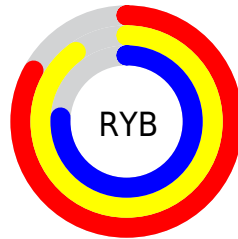
The YIQ color **218.8520, 14.8560, -4.9200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.1480, -14.8560, 4.9200**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **254.5440, 1.2840, -1.2440**, and **163.6670, 13.9390, -4.8210** is the 20% darker color. If you saturate the color by 10%, you get **211.5340, 24.4390, -7.8890**, and if you desaturate by 10%, it is **226.1700, 5.2730, -1.9510**.

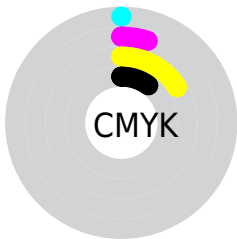
Distribution



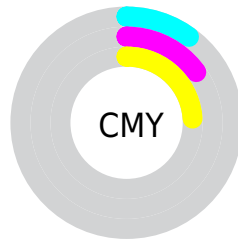
- Red (90%)
- Green (85%)
- Blue (76%)



- Red (83%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.8520, 14.8560, -4.9200 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 218.8520, 14.8560, -4.9200 by changing the saturation by 10% instead.

■ 218.8520, 14.8560,
-4.9200

■ 218.8520, 14.8560,
-4.9200

255.0000, -0.0000,
-0.0000

■ 190.9660, 14.5350,
-4.6090

■ 254.5440, 1.2840,
-1.2440

■ 163.6670, 13.9390,
-4.8210

■ 137.7810, 13.6180,
-4.5100

■ 112.4820, 13.0220,
-4.7220

■ 87.4110, 11.7840,
-4.3120

■ 64.1120, 11.1880,
-4.5240

■ 42.0410, 9.9500,

-4.1140

■ 21.8840, 11.8300,
-5.1460

■ 0.0000, 0.0000,
0.0000

■ 218.8520, 14.8560,
-4.9200

■ 218.8520, 14.8560,
-4.9200

■ 211.5340, 24.4390,
-7.8890

■ 226.1700, 5.2730,
-1.9510

■ 204.8030, 33.7470,
-11.3810

■ 232.9010, -4.0350,
1.5410

■ 197.4850, 43.3300,
-14.3500

■ 239.3070,
-11.0500, 2.0220

■ 190.1670, 52.9130,
-17.3190

■ 244.0030,
-13.2500, -2.1620

■ 183.4360, 62.2210,
-20.8110

■ 247.5250,
-14.9000, -5.3000

■ 176.1180, 71.8040,
-23.7800

■ 168.8000, 81.3870,
-26.7490

■ 162.0690, 90.6950,
-30.2410

■ 158.5810, 95.0050,
-31.2590

Harmonies

Analogous

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



220.2490, 21.2280, 0.7480



218.8520, 14.8560, -4.9200



217.3560, 4.4490, -9.0470

Triad

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



218.8520, 14.8560, -4.9200



214.9090, -24.8490, -6.7130



221.1570, 7.2880, 11.0960

Complementary

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



218.8520, 14.8560, -4.9200



205.1480, -14.8560, 4.9200

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.



220.3450, -5.0450, 8.8350



218.8520, 14.8560, -4.9200



216.5550, -23.6120, -1.5960

Square

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



218.8520, 14.8560, -4.9200



215.2100, -18.5670, -10.4310



218.2510, -16.6440, 4.2840



221.8930, 16.7790, 9.7950

Rectangle

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



218.8520, 14.8560, -4.9200



216.1100, -3.6660, -10.6580



218.2510, -16.6440, 4.2840



221.0040, 3.3450, 10.9690

Sweetspot

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



218.8520, 14.8560, -4.9200



251.1700, 5.2730, -1.9510



206.2460, 17.2830, 11.6750



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



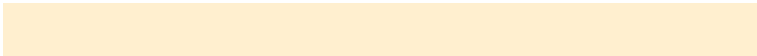
128.0000, -0.0000, -0.0000

Same Dimension

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



218.8520, 14.8560, -4.9200



240.1360, 19.8080, -6.5600



224.4010, 8.5760, -12.2560



111.2840, 4.9520, -1.6400



123.3740, 73.9590, -24.2890



35.2070, 21.0460, -6.9700

Inverse Universe

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



205.1480, -14.8560, 4.9200



221.8640, -19.8080, 6.5600



199.5990, -8.5760, 12.2560



106.7160, -4.9520, 1.6400



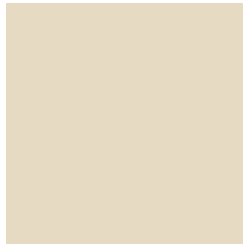
55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 218.8520, 14.8560, -4.9200 looks on a white background.

Color Contrast Check

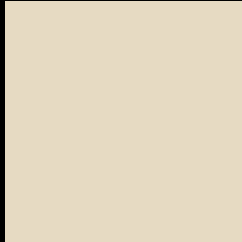
Large Text (above 18pt) WCAG AA × Fail

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 218.8520, 14.8560, -4.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

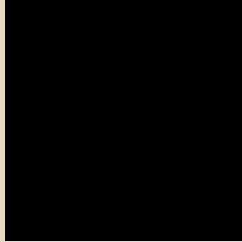
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.8520, 14.8560, -4.9200

Background



This preview shows how black text looks on a background with the YIQ color 218.8520, 14.8560, -4.9200.



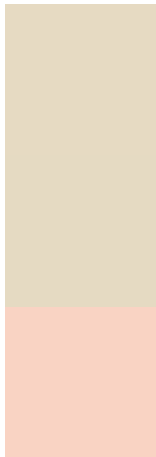
This preview shows how white text looks on a background with the YIQ color 218.8520, 14.8560,

-4.9200.

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

218.8520, 14.8560, -4.9200

Protanopia

218.5530, 14.2600, -5.1320

Deuteranopia

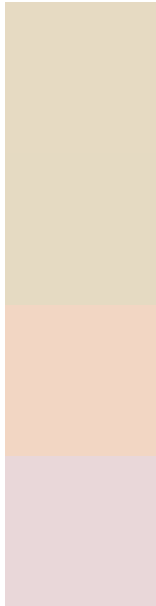
220.5380, 27.7840, 3.0800



Tritanopia

221.5160, 7.6550, 9.9510

Trichromacy



Original Color

218.8520, 14.8560, -4.9200

Protanomaly

218.5530, 14.2600, -5.1320

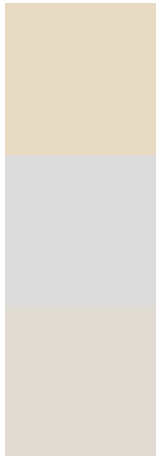
Deuteranomaly

220.2060, 22.7870, 0.0270

Tritanomaly

220.6100, 10.0860, 4.4380

Monochromacy



Original Color

218.8520, 14.8560, -4.9200

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1700, 5.2730, -1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.8520, 14.8560, -4.9200 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(230, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 194)  
}
```

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(230, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 194) }
```

Border

The CSS property to change the border of an element to YIQ 218.8520, 14.8560, -4.9200 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(230, 218, 194) }
```


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

```
.border{ border-color:rgb(230, 218, 194) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 218.8520, 14.8560, -4.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 194) }
```

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

```
.background{ background-color: rgb(230,  
218, 194) }
```

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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