

Converting Colors

YIQ(229.4520, 4.5390, 0.3390)

Have a look what the booklet for
YIQ(229.4520, 4.5390, 0.3390)
contains.

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Color

**YIQ(229.4520, 4.5390,
0.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E1
RGB	234, 228, 225
RGB Percent	92%, 89%, 88%
CMY	0.0823, 0.1059, 0.1176
CMYK	0.00, 0.03, 0.04, 0.08
HSL	20°, 18%, 90%
HSV	20°, 4%, 92%
XYZ	75.2667, 78.4149, 82.4065
YIQ	229.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

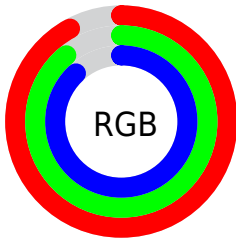
Format	Color
R_{YB}	234, 230, 225
Decimal	15394017
CIE _{Lab}	90.97, 1.51, 2.17
CIE _{LCh}	91, 2.642, 55.088
Yxy	78.4149, 0.3188, 0.3321
Android (android.graphics.Color)	4293584097 (0xFFEAE4E1)
YUV	229.4520, -2.1948, 3.9886
Hunter-Lab	88.5522, -3.2466, 6.8114

Details

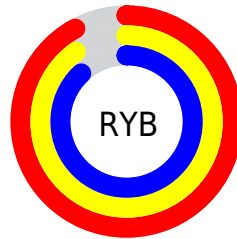
The YIQ color $229.4520, 4.5390, 0.3390$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.5480, -4.5390, -0.3390$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.1530, 3.9430, 0.1270$ is the 20% darker color. If you saturate the color by 10%, you get $217.4380, 16.3220, 1.5540$, and if you desaturate by 10%, it is $241.4660, -7.2440, -0.8760$.

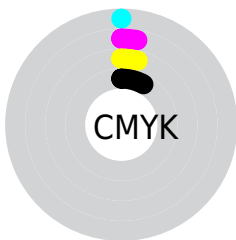
Distribution



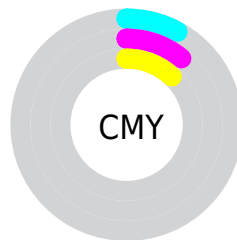
- Red (92%)
- Green (89%)
- Blue (88%)



- Red (92%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.4520, 4.5390, 0.3390 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 229.4520, 4.5390, 0.3390 by changing the saturation by 10% instead.

■ 229.4520, 4.5390,
0.3390

■ 229.4520, 4.5390,
0.3390

255.0000, -0.0000,
-0.0000

■ 201.4520, 4.5390,
0.3390

■ 174.1530, 3.9430,
0.1270

■ 147.4520, 4.5390,
0.3390

■ 121.5660, 4.2180,
0.6500

■ 97.1530, 3.9430,
0.1270

■ 73.2670, 3.6220,
0.4380

■ 50.8540, 3.3470,

-0.0850

■ 29.9680, 3.0260,
0.2260

■ 3.8650, 4.8140,
0.8620

■ 229.4520, 4.5390,
0.3390

■ 229.4520, 4.5390,
0.3390

■ 217.4380, 16.3220,
1.5540

■ 241.4660, -7.2440,
-0.8760

■ 205.8970, 28.1510,
1.9350

■ 248.7210,
-12.5160, -4.4520

■ 193.8830, 39.9340,
3.1500

■ 182.3420, 51.7630,
3.5310

■ 170.3280, 63.5460,
4.7460

■ 158.3140, 75.3290,
5.9610

■ 146.7730, 87.1580,
6.3420

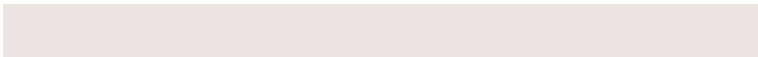
■ 134.7590, 98.9410,
7.5570

■ 123.2180,
110.7700, 7.9380

Harmonies

Analogous

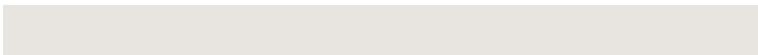
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9790, 4.4930, 1.1730



229.4520, 4.5390, 0.3390



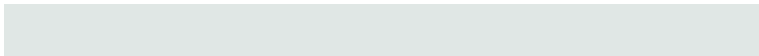
229.3270, 3.3930, -0.9190

Triad

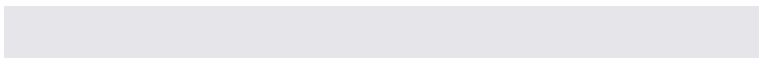
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.4520, 4.5390, 0.3390



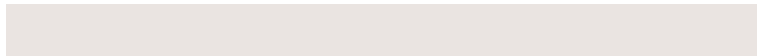
228.6790, -3.5300, -2.1060



229.5700, -1.6050, 1.5550

Complementary

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



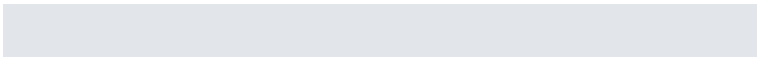
229.4520, 4.5390, 0.3390



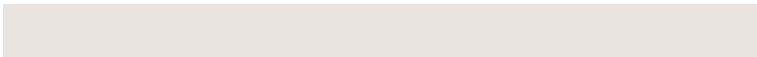
229.5480, -4.5390, -0.3390

Split Complementary

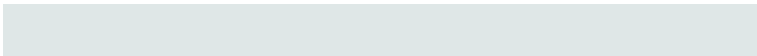
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.6730, -3.3930, 0.9190



229.4520, 4.5390, 0.3390



228.6080, -4.7680, -1.6960

Square

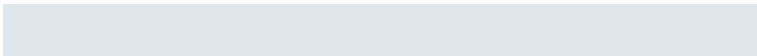
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4520, 4.5390, 0.3390



228.3480, -1.1000, -2.0920



228.5480, -4.5390, -0.3390



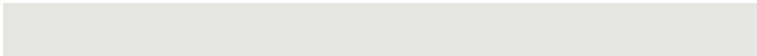
229.6520, 1.1000, 2.0920

Rectangle

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



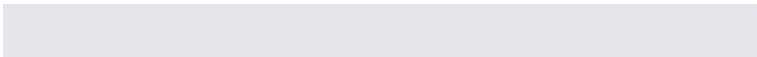
229.4520, 4.5390, 0.3390



228.7290, 2.2010, -1.3430



228.5480, -4.5390, -0.3390



229.2710, -2.2010, 1.3430

Sweetspot

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



229.4520, 4.5390, 0.3390



253.4840, 1.5130, 0.1130



228.3750, 3.4380, 3.7740



127.1850, 0.9170, -0.0990



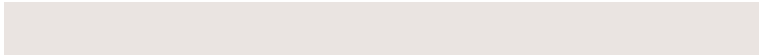
0.0000, 0.0000, 0.0000



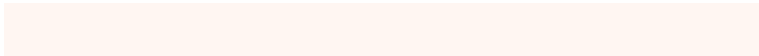
128.0000, -0.0000, -0.0000

Same Dimension

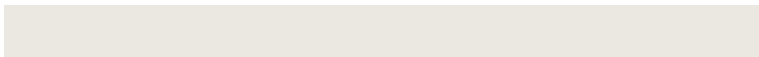
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.4520, 4.5390, 0.3390



248.2350, 6.6480, 0.6640



231.8000, 3.4390, -1.7530



113.8540, 3.3470, -0.0850



89.3390, 91.3760, 6.9920



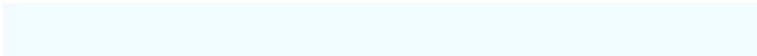
26.7120, 27.2340, 2.0340

Inverse Universe

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



229.5480, -4.5390, -0.3390



248.7650, -6.6480, -0.6640



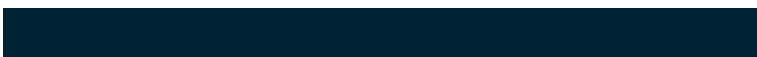
227.2000, -3.4390, 1.7530



113.7330, -3.6220, -0.4380



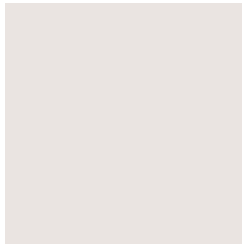
91.6610, -91.3760, -6.9920



27.2880, -27.2340, -2.0340

Previews

White Background



This preview shows how the YIQ color 229.4520, 4.5390, 0.3390 looks on a white background.

Color Contrast Check

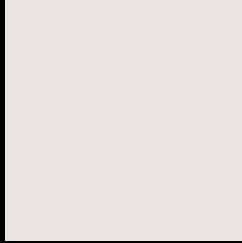
Large Text (above 18pt) WCAG AA × Fail

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 229.4520, 4.5390, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

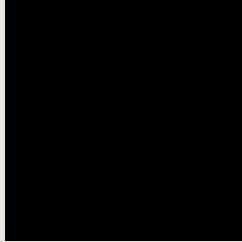
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

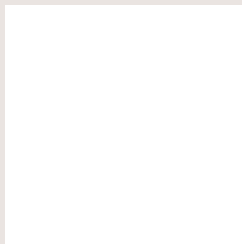
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.4520, 4.5390, 0.3390

Background



This preview shows how black text looks on a background with the YIQ color 229.4520, 4.5390, 0.3390.



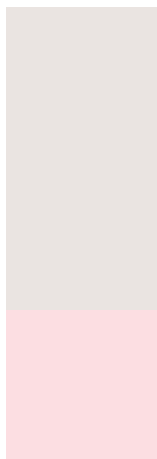
This preview shows how white text looks on a background with the YIQ color 229.4520, 4.5390,

0.3390.

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

229.4520, 4.5390, 0.3390

Protanopia

229.4520, 4.5390, 0.3390

Deuteranopia

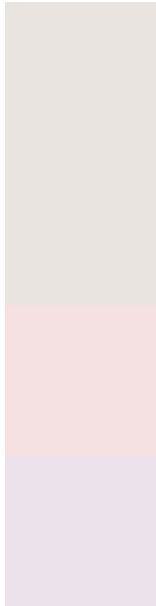
231.4260, 16.5960, 7.6040



Tritanopia

230.6400, 1.3740, 8.1420

Trichromacy



Original Color

229.4520, 4.5390, 0.3390

Protanomaly

229.4520, 4.5390, 0.3390

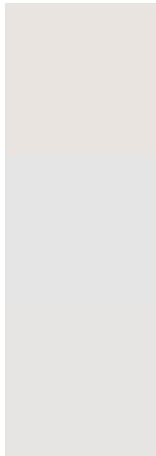
Deuteranomaly

230.5070, 11.8740, 5.0740

Tritanomaly

230.1300, 2.7500, 5.2300

Monochromacy



Original Color

229.4520, 4.5390, 0.3390

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.4840, 1.5130, 0.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.4520, 4.5390, 0.3390 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(234, 228, 225)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 225)  
}
```

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(234, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 225) }
```

Border

The CSS property to change the border of an element to YIQ 229.4520, 4.5390, 0.3390 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(234, 228, 225) }
```


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

```
.border{ border-color:rgb(234, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 229.4520, 4.5390, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 225) }
```

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

```
.background{ background-color: rgb(234,  
228, 225) }
```

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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