

Converting Colors

YIQ(224.7420, 9.3540, -4.3260)

Have a look what the booklet for
YIQ(224.7420, 9.3540, -4.3260)
contains.

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Color

**YIQ(224.7420, 9.3540,
-4.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1CF
RGB	231, 225, 207
RGB Percent	91%, 88%, 81%
CMY	0.0941, 0.1176, 0.1882
CMYK	0.00, 0.03, 0.10, 0.09
HSL	45°, 33%, 86%
HSV	45°, 10%, 91%
XYZ	71.1438, 75.3437, 69.8329
YIQ	224.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

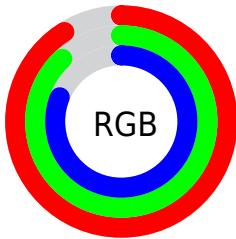
Format	Color
R_{YB}	215, 231, 207
Decimal	15196623
CIE Lab	89.55, -0.99, 9.51
CIE LCh	90, 9.564, 95.962
Yxy	75.3437, 0.3289, 0.3483
Android (android.graphics.Color)	4293386703 (0xFFE7E1CF)
YUV	224.7420, -8.7468, 5.4883
Hunter-Lab	86.8008, -5.5987, 13.0605

Details

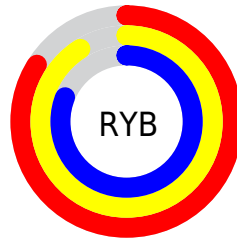
The YIQ color $224.7420, 9.3540, -4.3260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.2580, -9.3540, 4.3260$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.5570, 8.4370, -4.2270$ is the 20% darker color. If you saturate the color by 10%, you get $218.5980, 18.3870, -8.3410$, and if you desaturate by 10%, it is $230.8860, 0.3210, -0.3110$.

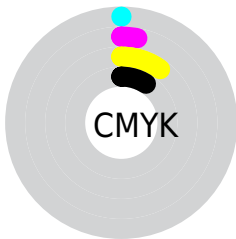
Distribution



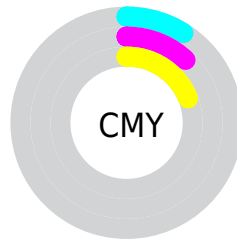
- Red (91%)
- Green (88%)
- Blue (81%)



- Red (84%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7420, 9.3540, -4.3260 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 224.7420, 9.3540, -4.3260 by changing the saturation by 10% instead.

■ 224.7420, 9.3540,
-4.3260

■ 224.7420, 9.3540,
-4.3260

255.0000, -0.0000,
-0.0000

■ 196.7420, 9.3540,
-4.3260

■ 169.5570, 8.4370,
-4.2270

■ 142.9700, 8.7120,
-3.7040

■ 117.6710, 8.1160,
-3.9160

■ 92.7850, 7.7950,
-3.6050

■ 69.4860, 7.1990,
-3.8170

■ 46.7140, 6.5570,

-3.1950

■ 26.1870, 6.6030,
-4.0290

■ 0.0000, 0.0000,
0.0000

■ 224.7420, 9.3540,
-4.3260

■ 224.7420, 9.3540,
-4.3260

■ 218.5980, 18.3870,
-8.3410

■ 230.8860, 0.3210,
-0.3110

■ 212.4540, 27.4200,
-12.3560

■ 237.0300, -8.7120,
3.7040

■ 206.8970, 36.1780,
-16.8940

■ 240.1930,
-10.7290, 1.7110

■ 200.7530, 45.2110,
-20.9090

■ 243.7150,
-12.3790, -1.4270

■ 194.6090, 54.2440,
-24.9240

■ 247.2370,
-14.0290, -4.5650

■ 188.3510, 63.5980,
-29.2500

■ 247.8240,
-14.3040, -5.0880

■ 182.7940, 72.3560,
-33.7880

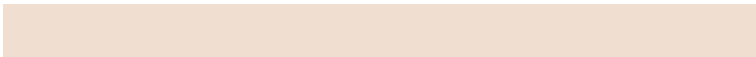
■ 176.6500, 81.3890,
-37.8030

■ 170.6200, 90.1010,
-41.5070

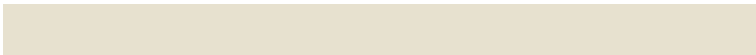
Harmonies

Analogous

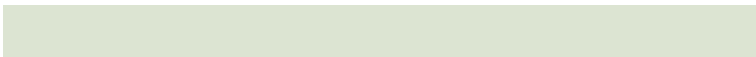
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.9000, 14.9010, -0.2270



224.7420, 9.3540, -4.3260



223.5560, 1.0100, -7.2940

Triad

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



224.7420, 9.3540, -4.3260



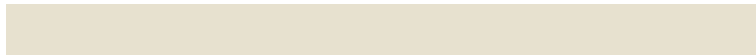
222.4970, -17.6970, -4.1690



227.1630, 7.1510, 8.0710

Complementary

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



224.7420, 9.3540, -4.3260



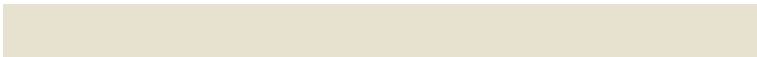
213.2580, -9.3540, 4.3260

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.



226.1450, -1.6060, 7.0820



224.7420, 9.3540, -4.3260



223.5020, -16.0930, -0.1970

Square

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



224.7420, 9.3540, -4.3260



222.4710, -14.8080, -6.9680



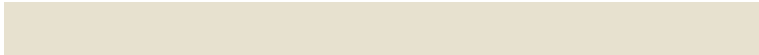
224.9590, -9.9500, 4.1140



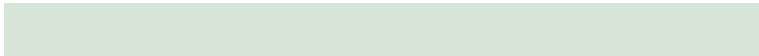
227.0450, 13.2950, 6.8550

Rectangle

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



224.7420, 9.3540, -4.3260



222.9190, -4.4460, -7.5340



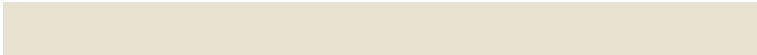
224.9590, -9.9500, 4.1140



227.0810, 4.4460, 7.5340

Sweetspot

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



224.7420, 9.3540, -4.3260



252.9140, 3.1180, -1.4420



214.8600, 12.3780, 6.9540



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.



224.7420, 9.3540, -4.3260



246.7700, 12.1510, -5.4570



226.4700, 4.1280, -8.7360



111.8710, 4.6770, -2.1630



132.1790, 69.8340, -32.1340



37.5550, 19.9460, -9.0620

Inverse Universe

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



213.2580, -9.3540, 4.3260



232.2300, -12.1510, 5.4570



211.5300, -4.1280, 8.7360



106.1290, -4.6770, 2.1630



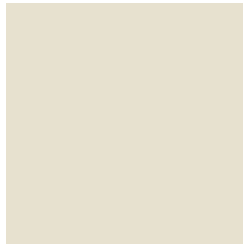
46.8210, -69.8340, 32.1340



13.4450, -19.9460, 9.0620

Previews

White Background



This preview shows how the YIQ color 224.7420, 9.3540, -4.3260 looks on a white background.

Color Contrast Check

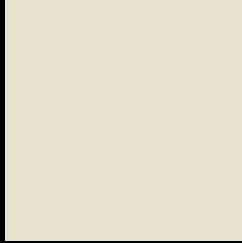
Large Text (above 18pt) WCAG AA × Fail

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 224.7420, 9.3540, -4.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

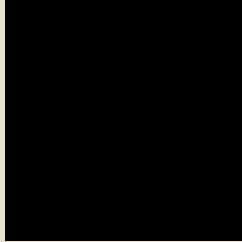
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

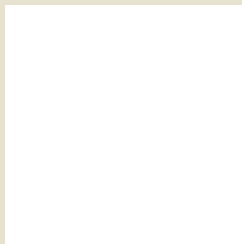
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.7420, 9.3540, -4.3260

Background



This preview shows how black text looks on a background with the YIQ color 224.7420, 9.3540, -4.3260.



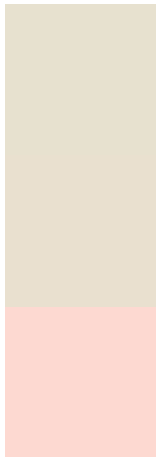
This preview shows how white text looks on a background with the YIQ color 224.7420, 9.3540,

-4.3260.

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

224.7420, 9.3540, -4.3260

Protanopia

224.7530, 10.8210, -3.3790

Deuteranopia

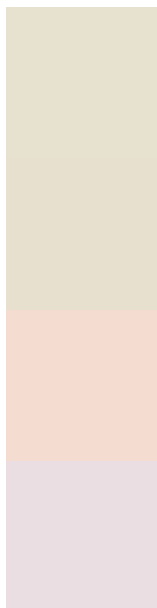
226.8520, 24.0240, 5.1440



Tritanopia

226.5370, 3.1620, 8.7780

Trichromacy



Original Color

224.7420, 9.3540, -4.3260

Protanomaly

224.4540, 10.2250, -3.5910

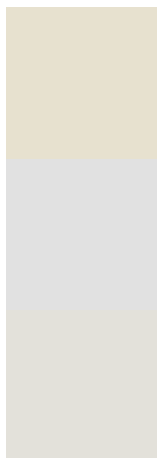
Deuteranomaly

226.1070, 18.7520, 1.5680

Tritanomaly

226.1580, 5.5470, 4.0990

Monochromacy



Original Color

224.7420, 9.3540, -4.3260

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8000, 3.4390, -1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7420, 9.3540, -4.3260 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(231, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 207)  
}
```

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(231, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 207) }
```

Border

The CSS property to change the border of an element to YIQ 224.7420, 9.3540, -4.3260 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(231, 225, 207) }
```


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

```
.border{ border-color:rgb(231, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7420, 9.3540, -4.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 207) }
```

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

```
.background{ background-color: rgb(231,  
225, 207) }
```

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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