

Converting Colors

YIQ(229.4800, 7.3360, -0.7920)

Have a look what the booklet for
YIQ(229.4800, 7.3360, -0.7920)
contains.

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Color

**YIQ(229.4800, 7.3360,
-0.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4DC
RGB	236, 228, 220
RGB Percent	93%, 89%, 86%
CMY	0.0745, 0.1059, 0.1372
CMYK	0.00, 0.03, 0.07, 0.07
HSL	30°, 30%, 89%
HSV	30°, 7%, 93%
XYZ	75.2552, 78.4862, 78.8994
YIQ	229.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

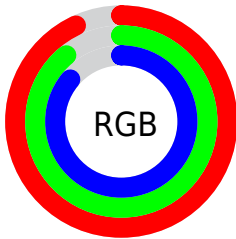
Format	Color
R _Y B	236, 236, 220
Decimal	15525084
CIE Lab	91.00, 1.35, 4.85
CIE LCh	91, 5.030, 74.446
Yxy	78.4862, 0.3235, 0.3374
Android (android.graphics.Color)	4293715164 (0xFFECE4DC)
YUV	229.4800, -4.6736, 5.7180
Hunter-Lab	88.5924, -3.4093, 9.2117

Details

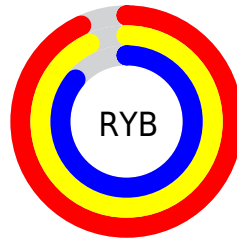
The YIQ color $229.4800, 7.3360, -0.7920$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.5200, -7.3360, 0.7920$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.1810, 6.7400, -1.0040$ is the 20% darker color. If you saturate the color by 10%, you get $219.7000, 18.3400, -1.9800$, and if you desaturate by 10%, it is $239.2600, -3.6680, 0.3960$.

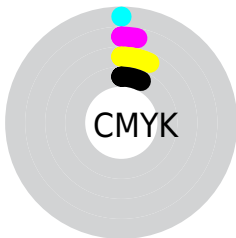
Distribution



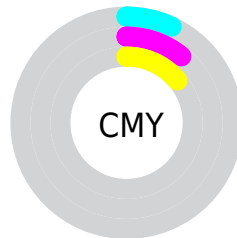
- Red (93%)
- Green (89%)
- Blue (86%)



- Red (93%)
- Yellow (93%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.4800, 7.3360, -0.7920 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 229.4800, 7.3360, -0.7920 by changing the saturation by 10% instead.

■ 229.4800, 7.3360,
-0.7920

■ 229.4800, 7.3360,
-0.7920

255.0000, -0.0000,
-0.0000

■ 201.4800, 7.3360,
-0.7920

■ 174.1810, 6.7400,
-1.0040

■ 147.2950, 6.4190,
-0.6930

■ 121.2950, 6.4190,
-0.6930

■ 96.9960, 5.8230,
-0.9050

■ 72.9960, 5.8230,
-0.9050

■ 50.6970, 5.2270,

-1.1170

■ 29.8110, 4.9060,
-0.8060

■ 3.8650, 4.8140,
0.8620

■ 229.4800, 7.3360,
-0.7920

■ 229.4800, 7.3360,
-0.7920

■ 219.7000, 18.3400,
-1.9800

■ 239.2600, -3.6680,
0.3960

■ 210.0340, 29.0230,
-2.8570

■ 247.5580,
-10.4990, -2.4590

■ 200.8410, 39.7520,
-4.5680

■ 249.3190,
-11.3240, -4.0280

■ 191.1750, 50.4350,
-5.4450

■ 181.3950, 61.4390,
-6.6330

■ 171.6150, 72.4430,
-7.8210

■ 161.9490, 83.1260,
-8.6980

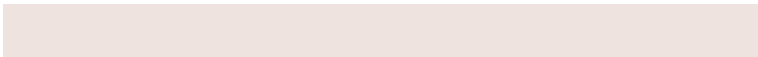
■ 152.7560, 93.8550,
-10.4090

■ 143.0900,
104.5380, -11.2860

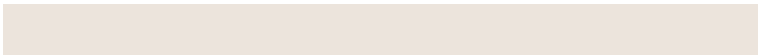
Harmonies

Analogous

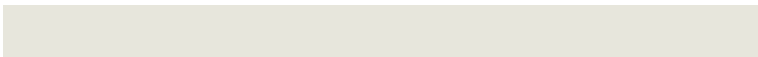
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1320, 8.4360, 1.3000



229.4800, 7.3360, -0.7920



229.1590, 3.8060, -2.8980

Triad

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



229.4800, 7.3360, -0.7920



227.7000, -8.0230, -3.2790



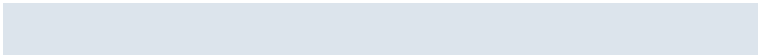
229.8200, 0.6870, 4.0710

Complementary

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



229.4800, 7.3360, -0.7920



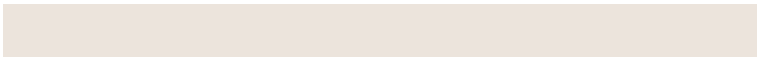
226.5200, -7.3360, 0.7920

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.



229.4280, -4.0810, 2.3750



229.4800, 7.3360, -0.7920



228.2700, -9.6280, -1.7240

Square

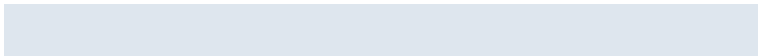
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4800, 7.3360, -0.7920



227.7280, -5.2260, -4.4100



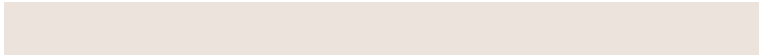
228.5200, -7.3360, 0.7920



230.2720, 5.2260, 4.4100

Rectangle

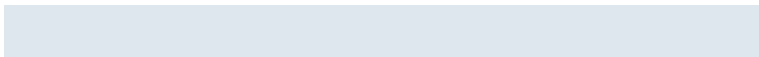
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4800, 7.3360, -0.7920



228.6640, 0.8260, -3.9580



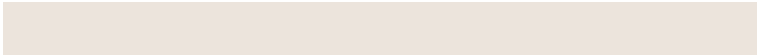
228.5200, -7.3360, 0.7920



229.9230, -1.1010, 3.4350

Sweetspot

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



229.4800, 7.3360, -0.7920



252.6690, 2.4300, 0.0140



225.6960, 6.9680, 5.8800



126.4840, 1.5130, 0.1130



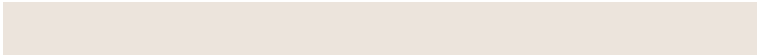
0.0000, 0.0000, 0.0000



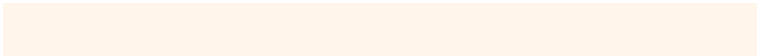
128.0000, -0.0000, -0.0000

Same Dimension

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



229.4800, 7.3360, -0.7920



246.8500, 9.1700, -0.9900



234.1760, 5.1360, -4.9760



112.2240, 5.1810, -0.2830



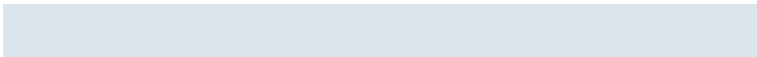
106.9490, 83.1260, -8.6980



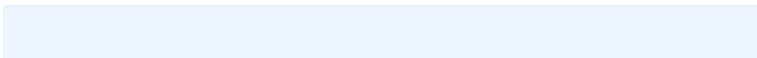
31.9950, 24.7590, -2.6730

Inverse Universe

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



226.5200, -7.3360, 0.7920



243.1500, -9.1700, 0.9900



221.8240, -5.1360, 4.9760



110.1890, -4.9060, 0.8060



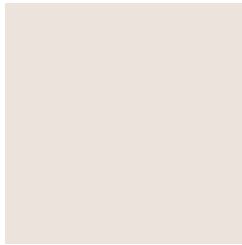
74.0510, -83.1260, 8.6980



22.0050, -24.7590, 2.6730

Previews

White Background



This preview shows how the YIQ color 229.4800, 7.3360, -0.7920 looks on a white background.

Color Contrast Check

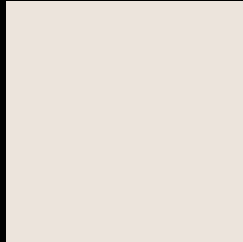
Large Text (above 18pt) WCAG AA × Fail

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 229.4800, 7.3360, -0.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

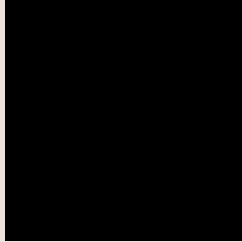
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

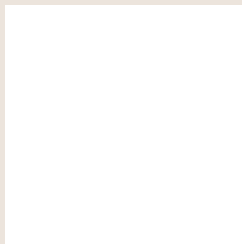
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.4800, 7.3360, -0.7920

Background



This preview shows how black text looks on a background with the YIQ color 229.4800, 7.3360, -0.7920.



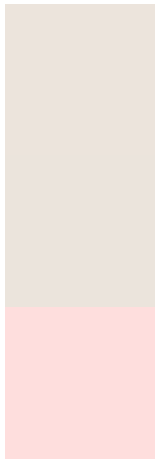
This preview shows how white text looks on a background with the YIQ color 229.4800, 7.3360,

-0.7920.

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

229.4800, 7.3360, -0.7920

Protanopia

229.1810, 6.7400, -1.0040

Deuteranopia

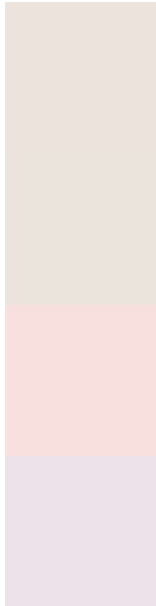
231.4540, 19.3930, 6.4730



Tritanopia

231.1240, 2.8870, 8.2550

Trichromacy



Original Color

229.4800, 7.3360, -0.7920

Protanomaly

229.1810, 6.7400, -1.0040

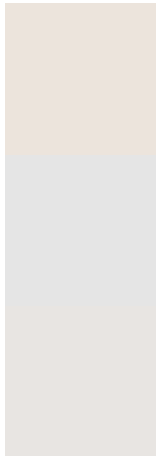
Deuteranomaly

230.5350, 14.6710, 3.9430

Tritanomaly

230.5000, 4.5840, 5.0320

Monochromacy



Original Color

229.4800, 7.3360, -0.7920

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.5550, 2.7510, -0.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.4800, 7.3360, -0.7920 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(236, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 220)  
}
```

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(236, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 220) }
```

Border

The CSS property to change the border of an element to YIQ 229.4800, 7.3360, -0.7920 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(236, 228, 220) }
```


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

```
.border{ border-color:rgb(236, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 229.4800, 7.3360, -0.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 220) }
```

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

```
.background{ background-color: rgb(236,  
228, 220) }
```

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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