

Converting Colors

YIQ(228.0070, 7.2900, 0.0420)

Have a look what the booklet for
YIQ(228.0070, 7.2900, 0.0420)
contains.

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Color

**YIQ(228.0070, 7.2900,
0.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2DC
RGB	235, 226, 220
RGB Percent	92%, 89%, 86%
CMY	0.0784, 0.1137, 0.1372
CMYK	0.00, 0.04, 0.06, 0.08
HSL	24°, 27%, 89%
HSV	24°, 6%, 92%
XYZ	74.3772, 77.2213, 78.7012
YIQ	228.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

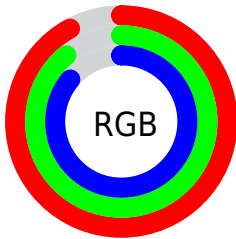
Format	Color
RYB	235, 230, 220
Decimal	15459036
CIELab	90.42, 2.03, 4.00
CIELCh	90, 4.487, 63.048
Yxy	77.2213, 0.3230, 0.3353
Android (android.graphics.Color)	4293649116 (0xFFEBE2DC)
YUV	228.0070, -3.9475, 6.1329
Hunter-Lab	87.8757, -2.7017, 8.4130

Details

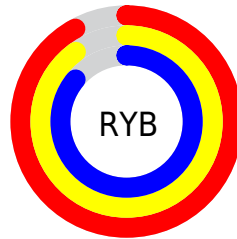
The YIQ color $228.0070, 7.2900, 0.0420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.9930, -7.2900, -0.0420$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.7080, 6.6940, -0.1700$ is the 20% darker color. If you saturate the color by 10%, you get $217.1670, 18.5230, 0.2110$, and if you desaturate by 10%, it is $238.9610, -4.2640, 0.1840$.

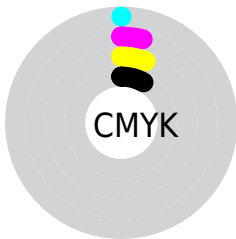
Distribution



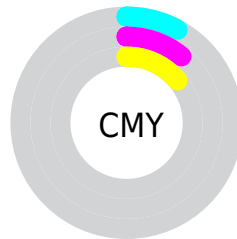
- Red (92%)
- Green (89%)
- Blue (86%)



- Red (92%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.0070, 7.2900, 0.0420 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 228.0070, 7.2900, 0.0420 by changing the saturation by 10% instead.

■ 228.0070, 7.2900,
0.0420

■ 228.0070, 7.2900,
0.0420

255.0000, -0.0000,
-0.0000

■ 200.0070, 7.2900,
0.0420

■ 172.7080, 6.6940,
-0.1700

■ 145.8220, 6.3730,
0.1410

■ 120.7080, 6.6940,
-0.1700

■ 95.5230, 5.7770,
-0.0710

■ 71.6370, 5.4560,
0.2400

■ 49.5230, 5.7770,

-0.0710

■ 28.3380, 4.8600,
0.0280

■ 2.3920, 4.7680,
1.6960

■ 228.0070, 7.2900,
0.0420

■ 228.0070, 7.2900,
0.0420

■ 217.1670, 18.5230,
0.2110

■ 238.9610, -4.2640,
0.1840

■ 206.2130, 30.0770,
0.0690

■ 248.4330,
-11.6450, -3.7170

■ 195.3730, 41.3100,
0.2380

■ 249.0200,
-11.9200, -4.2400

■ 184.4190, 52.8640,
0.0960

■ 172.9920, 64.3720,
0.7880

■ 162.0380, 75.9260,
0.6460

■ 151.1980, 87.1590,
0.8150

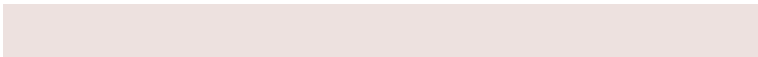
■ 140.2440, 98.7130,
0.6730

■ 129.4040,
109.9460, 0.8420

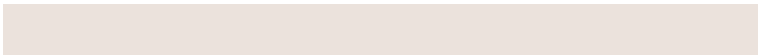
Harmonies

Analogous

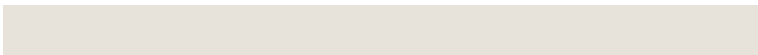
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.3600, 7.7940, 1.9220



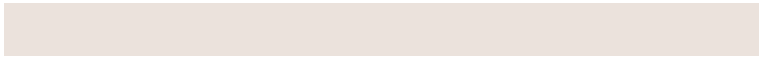
228.0070, 7.2900, 0.0420



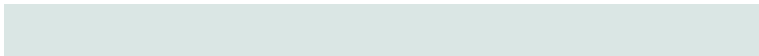
227.2840, 4.9520, -1.6400

Triad

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



228.0070, 7.2900, 0.0420



226.1840, -6.5100, -3.1660



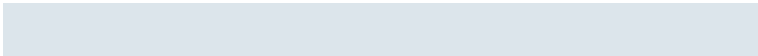
227.9230, -1.1010, 3.4350

Complementary

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



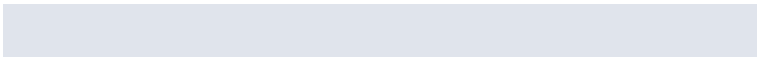
228.0070, 7.2900, 0.0420



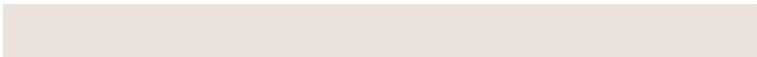
226.9930, -7.2900, -0.0420

Split Complementary

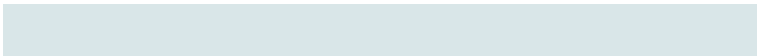
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.7160, -4.9520, 1.6400



228.0070, 7.2900, 0.0420



226.3410, -8.3900, -2.1340

Square

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



228.0070, 7.2900, 0.0420



226.6250, -3.4380, -3.7740



226.9930, -7.2900, -0.0420



228.4890, 3.1170, 4.0850

Rectangle

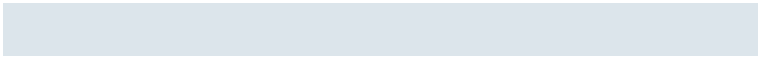
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



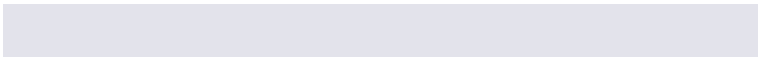
228.0070, 7.2900, 0.0420



227.0880, 2.5680, -2.4880



226.9930, -7.2900, -0.0420



227.9120, -2.5680, 2.4880

Sweetspot

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



228.0070, 7.2900, 0.0420



252.6690, 2.4300, 0.0140



225.5110, 6.0510, 5.9790



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



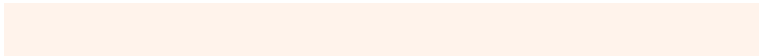
128.0000, -0.0000, -0.0000

Same Dimension

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



228.0070, 7.2900, 0.0420



245.6760, 9.7200, 0.0560



232.1160, 5.3650, -3.6190



111.6370, 5.4560, 0.2400



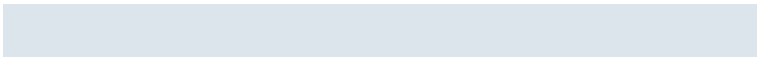
96.3830, 88.0760, 0.7160



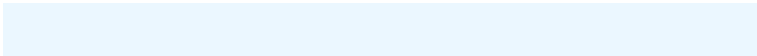
28.4730, 26.4090, 0.4650

Inverse Universe

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



226.9930, -7.2900, -0.0420



244.3240, -9.7200, -0.0560



222.8840, -5.3650, 3.6190



111.3630, -5.4560, -0.2400



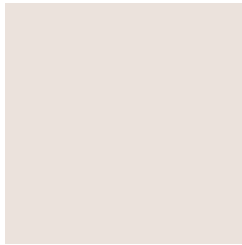
84.6170, -88.0760, -0.7160



24.9400, -26.1340, 0.0580

Previews

White Background



This preview shows how the YIQ color 228.0070, 7.2900, 0.0420 looks on a white background.

Color Contrast Check

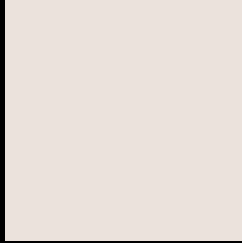
Large Text (above 18pt) WCAG AA × Fail

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 228.0070, 7.2900, 0.0420 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

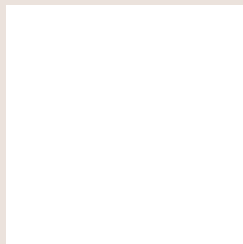
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.0070, 7.2900, 0.0420

Background



This preview shows how black text looks on a background with the YIQ color 228.0070, 7.2900, 0.0420.



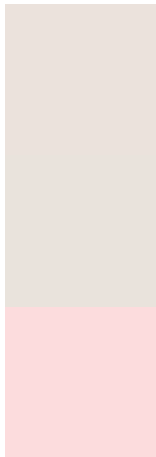
This preview shows how white text looks on a background with the YIQ color 228.0070, 7.2900,

0.0420.

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

228.0070, 7.2900, 0.0420

Protanopia

227.9960, 5.8230, -0.9050

Deuteranopia

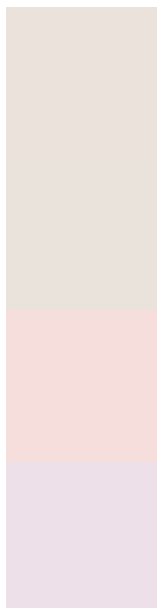
229.6820, 18.7510, 7.0950



Tritanopia

229.4230, 3.4830, 8.4670

Trichromacy



Original Color

228.0070, 7.2900, 0.0420

Protanomaly

228.2950, 6.4190, -0.6930

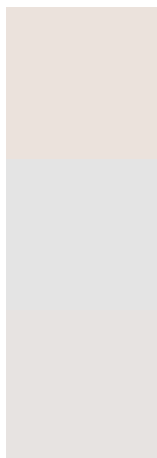
Deuteranomaly

229.0620, 14.6250, 4.7770

Tritanomaly

228.9130, 4.8590, 5.5550

Monochromacy



Original Color

228.0070, 7.2900, 0.0420

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0070, 7.2900, 0.0420 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(235, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 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(235, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 220) }
```

Border

The CSS property to change the border of an element to YIQ 228.0070, 7.2900, 0.0420 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(235, 226, 220) }
```


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

```
.border{ border-color:rgb(235, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 226,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0070, 7.2900, 0.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 220) }
```

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

```
.background{ background-color: rgb(235,  
226, 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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