

Converting Colors

YIQ(228.5920, 1.3290, 3.4490)

Have a look what the booklet for
YIQ(228.5920, 1.3290, 3.4490)
contains.

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Color

**YIQ(228.5920, 1.3290,
3.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2E9
RGB	232, 226, 233
RGB Percent	91%, 89%, 91%
CMY	0.0902, 0.1137, 0.0863
CMYK	0.00, 0.03, 0.00, 0.09
HSL	291°, 14%, 90%
HSV	291°, 3%, 91%
XYZ	75.1839, 77.4311, 88.0739
YIQ	228.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

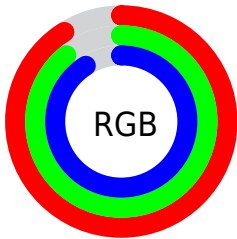
Format	Color
R _Y B	232, 226, 233
Decimal	15262441
CIE Lab	90.52, 3.28, -2.69
CIE LCh	91, 4.243, 320.594
Yxy	77.4311, 0.3124, 0.3217
Android (android.graphics.Color)	4293452521 (0xFFE8E2E9)
YUV	228.5920, 2.1731, 2.9888
Hunter-Lab	87.9950, -1.4788, 2.2533

Details

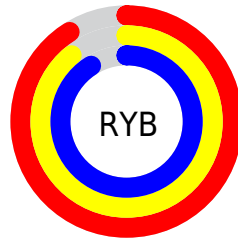
The YIQ color $228.5920, 1.3290, 3.4490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.4080, -1.3290, -3.4490$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.1790, 1.0540, 2.9260$ is the 20% darker color. If you saturate the color by 10%, you get $214.1940, 5.8660, 14.8420$, and if you desaturate by 10%, it is $242.9900, -3.2080, -7.9440$.

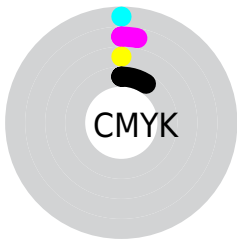
Distribution



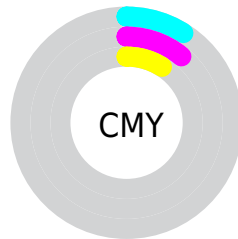
- Red (91%)
- Green (89%)
- Blue (91%)



- Red (91%)
- Yellow (89%)
- Blue (91%)



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



- Cyan (9%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.5920, 1.3290, 3.4490 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 228.5920, 1.3290, 3.4490 by changing the saturation by 10% instead.

■ 228.5920, 1.3290,
3.4490

■ 228.5920, 1.3290,
3.4490

255.0000, -0.0000,
-0.0000

■ 200.5920, 1.3290,
3.4490

■ 173.1790, 1.0540,
2.9260

■ 146.5920, 1.3290,
3.4490

■ 121.1790, 1.0540,
2.9260

■ 96.1790, 1.0540,
2.9260

■ 72.1790, 1.0540,
2.9260

■ 50.0650, 1.3750,

2.6150

■ 28.7660, 0.7790,
2.4030

■ 3.1190, 1.2830,
4.2830

■ 228.5920, 1.3290,
3.4490

■ 228.5920, 1.3290,
3.4490

■ 214.1940, 5.8660,
14.8420

■ 242.9900, -3.2080,
-7.9440

■ 198.9100, 10.0820,
26.5460

■ 247.7080, -2.4740,
-10.2340

■ 184.5120, 14.6190,
37.9390

■ 248.6050, -0.6860,
-9.5980

■ 170.1140, 19.1560,
49.3320

■ 249.5020, 1.1020,
-8.9620

■ 155.4170, 23.0970,
60.5130

■ 250.6980, 3.4860,
-8.1140

■ 140.4320, 27.9090,
72.4290

■ 251.5950, 5.2740,
-7.4780

■ 126.0340, 32.4460,
83.8220

■ 252.4920, 7.0620,
-6.8420

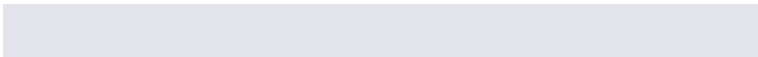
■ 111.3370, 36.3870,
95.0030

■ 96.3520, 41.1990,
106.9190

Harmonies

Analogous

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



227.9120, -2.5680, 2.4880



228.5920, 1.3290, 3.4490



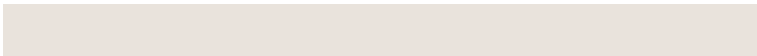
228.7450, 5.2720, 3.5760

Triad

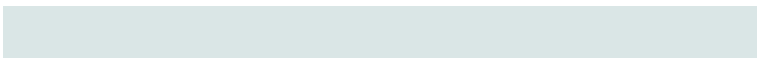
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5920, 1.3290, 3.4490



227.9960, 5.8230, -0.9050



226.4120, -7.1520, -2.5440

Complementary

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



228.5920, 1.3290, 3.4490



230.4080, -1.3290, -3.4490

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.



226.5540, -4.6760, -3.3640



228.5920, 1.3290, 3.4490



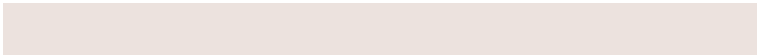
227.0880, 2.5680, -2.4880

Square

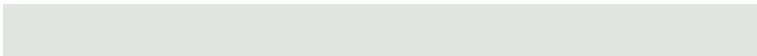
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.5920, 1.3290, 3.4490



228.5340, 7.2440, 0.8760



227.4080, -1.3290, -3.4490



227.1670, -7.8400, -1.0880

Rectangle

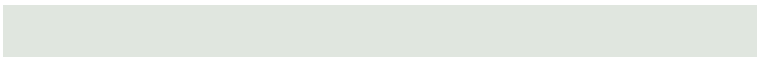
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



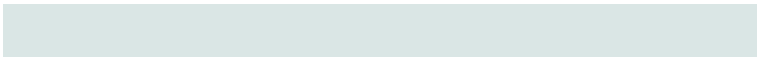
228.5920, 1.3290, 3.4490



228.7020, 6.8310, 2.8550



227.4080, -1.3290, -3.4490



226.2980, -6.8310, -2.8550

Sweetspot

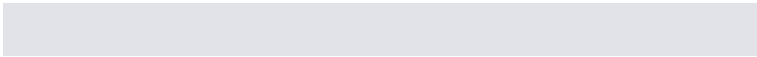
The Sweet Spot groups the original color and five complimentary colors.



228.5920, 1.3290, 3.4490



253.2390, 0.8250, 1.5690



227.3850, -2.5220, 1.6540



126.5270, -0.0460, 0.8340



0.0000, 0.0000, 0.0000



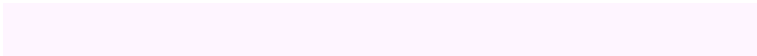
128.0000, -0.0000, -0.0000

Same Dimension

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



228.5920, 1.3290, 3.4490



248.8310, 2.1540, 5.0180



228.6630, 2.5670, 3.0390



113.1790, 1.0540, 2.9260



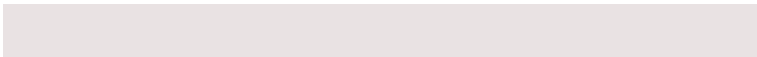
66.9790, 34.2790, 89.1510



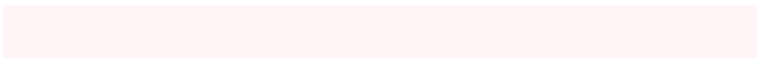
19.9100, 10.0820, 26.5460

Inverse Universe

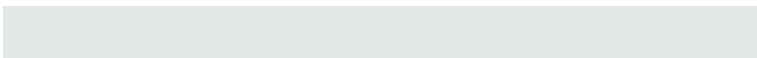
The Inverse Universe completely reimagines the original color for something new.



228.2070, 3.8510, 1.7950



248.1040, 5.6390, 2.4310



230.3370, -2.5670, -3.0390



112.9080, 3.2550, 1.5830



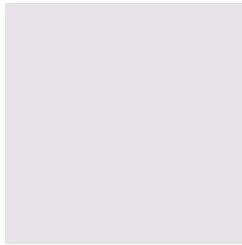
57.0830, 99.5300, 46.4580



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 228.5920, 1.3290, 3.4490 looks on a white background.

Color Contrast Check

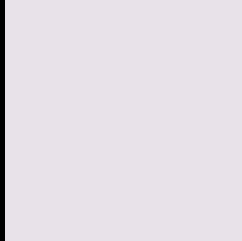
Large Text (above 18pt) WCAG AA × Fail

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 228.5920, 1.3290, 3.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

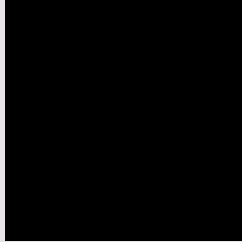
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

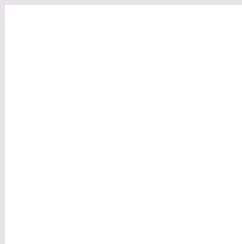
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.5920, 1.3290, 3.4490

Background



This preview shows how black text looks on a background with the YIQ color 228.5920, 1.3290, 3.4490.



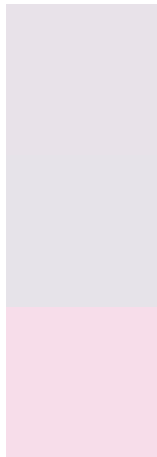
This preview shows how white text looks on a background with the YIQ color 228.5920, 1.3290,

3.4490.

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

228.5920, 1.3290, 3.4490

Protanopia

228.5810, -0.1380, 2.5020

Deuteranopia

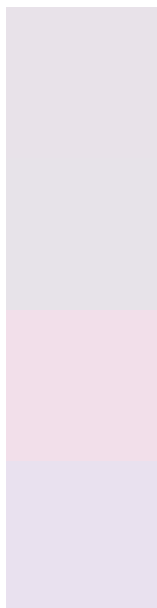
230.2560, 11.3230, 9.5550



Tritanopia

229.3300, -0.6890, 6.9830

Trichromacy



Original Color

228.5920, 1.3290, 3.4490

Protanomaly

228.8800, 0.4580, 2.7140

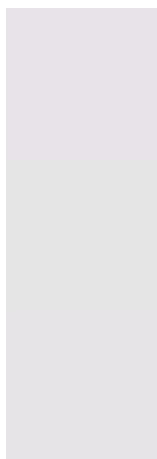
Deuteranomaly

229.9350, 7.7930, 7.4490

Tritanomaly

228.9880, 0.2740, 6.0500

Monochromacy



Original Color

228.5920, 1.3290, 3.4490

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.5920, 1.3290, 3.4490 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(232, 226, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 233)  
}
```

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(232, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 233) }
```

Border

The CSS property to change the border of an element to YIQ 228.5920, 1.3290, 3.4490 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(232, 226, 233) }
```


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

```
.border{ border-color:rgb(232, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 228.5920, 1.3290, 3.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 233) }
```

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

```
.background{ background-color: rgb(232,  
226, 233) }
```

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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