

Converting Colors

YIQ(226.4940, -4.4470, -2.0070)

Have a look what the booklet for
YIQ(226.4940, -4.4470, -2.0070)
contains.

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Color

**YIQ(226.4940, -4.4470,
-2.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE5E4
RGB	221, 229, 228
RGB Percent	87%, 90%, 89%
CMY	0.1333, 0.1019, 0.1059
CMYK	0.03, 0.00, 0.00, 0.10
HSL	172°, 13%, 88%
HSV	172°, 3%, 90%
XYZ	71.8405, 77.0130, 84.4743
YIQ	226.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

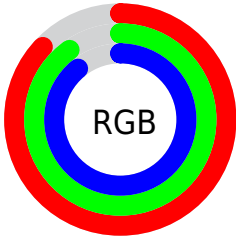
Format	Color
R _Y B	221, 225, 229
Decimal	14542308
CIE Lab	90.33, -2.85, -0.45
CIE LCh	90, 2.888, 188.982
Yxy	77.0130, 0.3079, 0.3301
Android (android.graphics.Color)	4292732388 (0xFFDDE5E4)
YUV	226.4940, 0.7425, -4.8182
Hunter-Lab	87.7571, -7.4496, 4.3579

Details

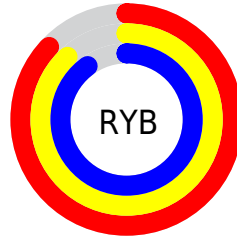
The YIQ color $226.4940, -4.4470, -2.0070$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.5060, 4.4470, 2.0070$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.4940, -4.4470, -2.0070$ is the 20% darker color. If you saturate the color by 10%, you get $219.2750, -17.1920, -7.8160$, and if you desaturate by 10%, it is $233.7130, 8.2980, 3.8020$.

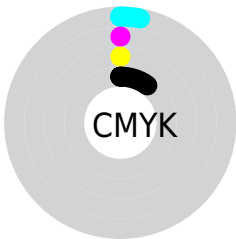
Distribution



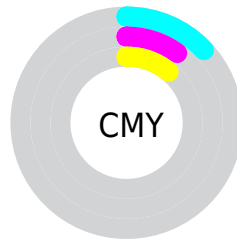
- Red (87%)
- Green (90%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.4940, -4.4470, -2.0070 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 226.4940, -4.4470, -2.0070 by changing the saturation by 10% instead.

■ 226.4940, -4.4470,
-2.0070

■ 226.4940, -4.4470,
-2.0070

255.0000, -0.0000,
-0.0000

■ 198.4940, -4.4470,
-2.0070

■ 171.4940, -4.4470,
-2.0070

■ 144.7930, -3.8510,
-1.7950

■ 118.7930, -3.8510,
-1.7950

■ 94.2060, -3.5760,
-1.2720

■ 70.7930, -3.8510,
-1.7950

■ 48.2060, -3.5760,

-1.2720

■ 27.5050, -2.9800,
-1.0600

■ 1.4020, -1.1920,
-0.4240

■ 226.4940, -4.4470,
-2.0070

■ 226.4940, -4.4470,
-2.0070

■ 219.2750,
-17.1920, -7.8160

■ 233.7130, 8.2980,
3.8020

■ 212.0560,
-29.9370, -13.6250

■ 237.3440, 13.8910,
7.0670

■ 204.8370,
-42.6820, -19.4340

■ 237.6860, 12.9280,
8.0000

■ 197.6180,
-55.4270, -25.2430

■ 238.0280, 11.9650,
8.9330

■ 190.5130,
-68.4930, -30.7410

■ 238.2560, 11.3230,
9.5550

■ 183.5930,
-80.6420, -36.3380

■ 238.5980, 10.3600,
10.4880

■ 176.3740,
-93.3870, -42.1470

■ 238.9400, 9.3970,
11.4210

■ 169.1550,
-106.1320, -47.9560

■ 239.2820, 8.4340,
12.3540

■ 161.9360,
-118.8770, -53.7650

■ 239.6240, 7.4710,
13.2870

Harmonies

Analogous

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



226.7500, -2.2920, -2.5160



226.4940, -4.4470, -2.0070



226.8360, -5.4100, -1.0740

Triad

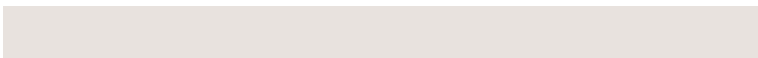
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.4940, -4.4470, -2.0070



227.5810, -0.1380, 2.5020



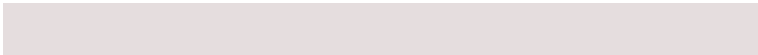
227.3380, 4.8600, 0.0280

Complementary

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



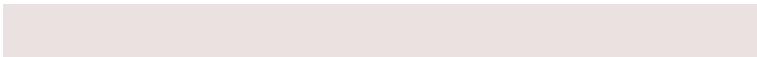
226.4940, -4.4470, -2.0070



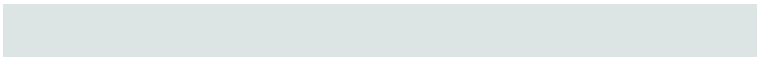
223.5060, 4.4470, 2.0070

Split Complementary

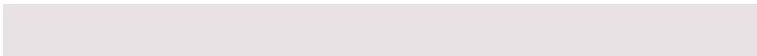
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.8650, 4.8140, 0.8620



226.4940, -4.4470, -2.0070



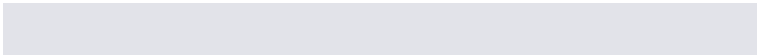
228.1360, 2.6130, 2.2050

Square

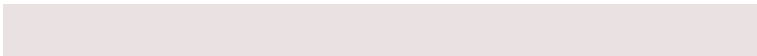
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.4940, -4.4470, -2.0070



227.3850, -2.5220, 1.6540



227.5060, 4.4470, 2.0070



227.0280, 2.7970, -1.1310

Rectangle

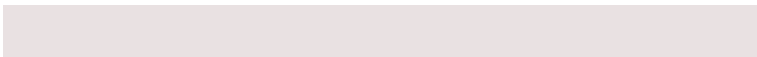
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



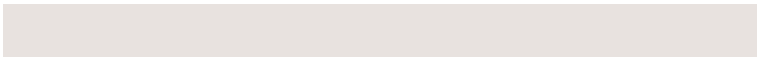
226.4940, -4.4470, -2.0070



226.6620, -4.8600, -0.0280



227.5060, 4.4470, 2.0070



227.4520, 4.5390, 0.3390

Sweetspot

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



226.4940, -4.4470, -2.0070



254.1030, -1.7880, -0.6360



225.9950, -1.6040, -3.9720



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



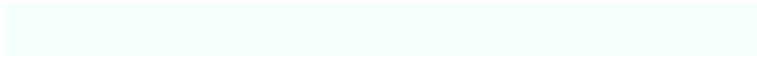
128.0000, -0.0000, -0.0000

Same Dimension

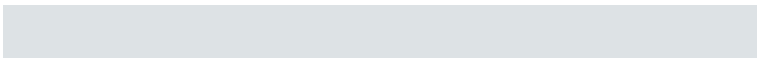
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.4940, -4.4470, -2.0070



251.8960, -5.6390, -2.4310



224.8470, -3.9430, -0.1270



113.0920, -3.2550, -1.5830



122.8570, -99.3010, -45.1010



35.0670, -28.4700, -12.6780

Inverse Universe

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



223.5060, 4.4470, 2.0070



248.1040, 5.6390, 2.4310



225.1530, 3.9430, 0.1270



110.9080, 3.2550, 1.5830



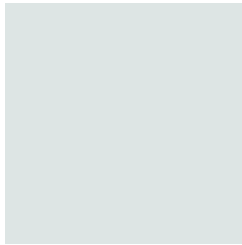
56.1430, 99.3010, 45.1010



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 226.4940, -4.4470, -2.0070 looks on a white background.

Color Contrast Check

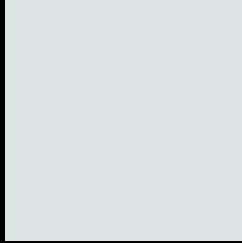
Large Text (above 18pt) WCAG AA × Fail

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 226.4940, -4.4470, -2.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

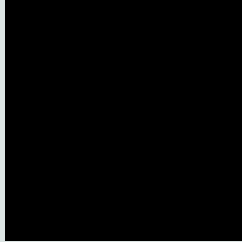
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

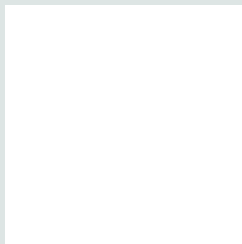
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.4940, -4.4470, -2.0070

Background



This preview shows how black text looks on a background with the YIQ color 226.4940, -4.4470, -2.0070.



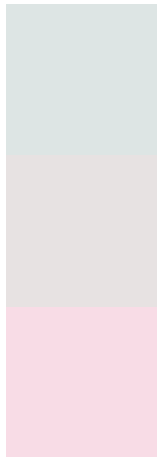
This preview shows how white text looks on a background with the YIQ color 226.4940, -4.4470,

-2.0070.

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

226.4940, -4.4470, -2.0070

Protanopia

227.4950, 2.9800, 1.0600

Deuteranopia

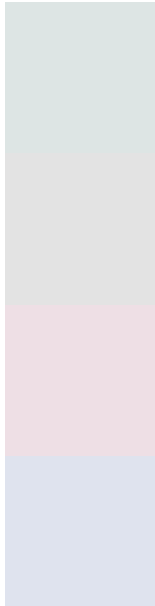
229.5120, 13.4780, 9.0460



Tritanopia

227.4540, -6.9700, 5.1740

Trichromacy



Original Color

226.4940, -4.4470, -2.0070

Protanomaly

227.0000, -0.0000, -0.0000

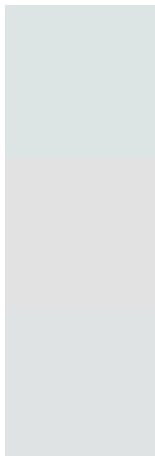
Deuteranomaly

228.1690, 7.0140, 5.0460

Tritanomaly

227.0580, -5.9150, 2.5730

Monochromacy



Original Color

226.4940, -4.4470, -2.0070

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.4940, -4.4470, -2.0070 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(221, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 228)  
}
```

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(221, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 228) }
```

Border

The CSS property to change the border of an element to YIQ 226.4940, -4.4470, -2.0070 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(221, 229, 228) }
```


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

```
.border{ border-color:rgb(221, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(221, 229,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 226.4940, -4.4470, -2.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 228) }
```

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

```
.background{ background-color: rgb(221,  
229, 228) }
```

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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