

Converting Colors

YIQ(224.7330, -3.6220, -0.4380)

Have a look what the booklet for
YIQ(224.7330, -3.6220, -0.4380)
contains.

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Color

**YIQ(224.7330, -3.6220,
-0.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E4
RGB	221, 226, 228
RGB Percent	87%, 89%, 89%
CMY	0.1333, 0.1137, 0.1059
CMYK	0.03, 0.01, 0.00, 0.11
HSL	197°, 11%, 88%
HSV	197°, 3%, 89%
XYZ	71.0179, 75.3668, 84.2000
YIQ	224.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

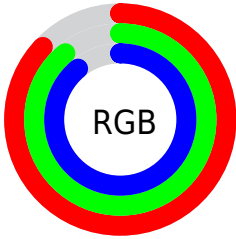
Format	Color
R _Y B	221, 224, 228
Decimal	14541540
CIE Lab	89.56, -1.31, -1.57
CIE LCh	90, 2.041, 230.156
Yxy	75.3668, 0.3080, 0.3269
Android (android.graphics.Color)	4292731620 (0xFFDDE2E4)
YUV	224.7330, 1.6106, -3.2738
Hunter-Lab	86.8141, -5.9033, 3.2651

Details

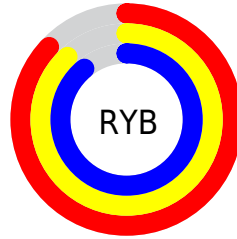
The YIQ color $224.7330, -3.6220, -0.4380$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.2670, 3.6220, 0.4380$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.7330, -3.6220, -0.4380$ is the 20% darker color. If you saturate the color by 10%, you get $214.3340, -15.6800, -2.1760$, and if you desaturate by 10%, it is $235.1320, 8.4360, 1.3000$.

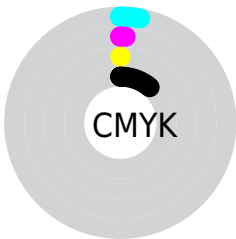
Distribution



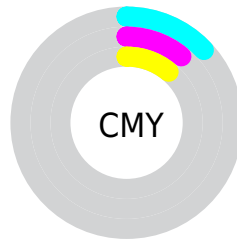
- Red (87%)
- Green (89%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7330, -3.6220, -0.4380 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 224.7330, -3.6220, -0.4380 by changing the saturation by 10% instead.

■ 224.7330, -3.6220,
-0.4380

■ 224.7330, -3.6220,
-0.4380

255.0000, -0.0000,
-0.0000

■ 196.7330, -3.6220,
-0.4380

■ 169.7330, -3.6220,
-0.4380

■ 143.0320, -3.0260,
-0.2260

■ 117.6190, -3.3010,
-0.7490

■ 93.0320, -3.0260,
-0.2260

■ 69.0320, -3.0260,
-0.2260

■ 47.0320, -3.0260,

-0.2260

■ 26.3310, -2.4300,
-0.0140

■ 0.2280, -0.6420,
0.6220

■ 224.7330, -3.6220,
-0.4380

■ 224.7330, -3.6220,
-0.4380

■ 214.3340,
-15.6800, -2.1760

■ 235.1320, 8.4360,
1.3000

■ 203.3480,
-27.4630, -3.3910

■ 242.5300, 13.0670,
-0.0290

■ 193.2480,
-38.9250, -4.9170

■ 246.0520, 11.4170,
-3.1670

■ 182.2620,
-50.7080, -6.1320

■ 250.1610, 9.4920,
-6.8280

■ 171.8630,
-62.7660, -7.8700

■ 251.9220, 8.6670,
-8.3970

■ 160.8770,
-74.5490, -9.0850

■ 150.4780,
-86.6070, -10.8230

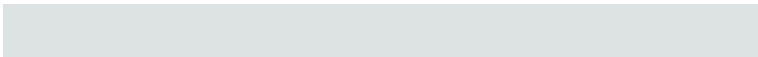
■ 139.7910,
-97.7940, -11.8260

■ 129.3920,
-109.8520, -13.5640

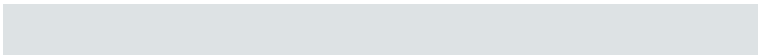
Harmonies

Analogous

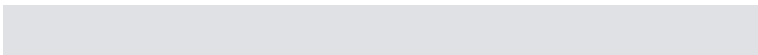
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5050, -2.9800, -1.0600



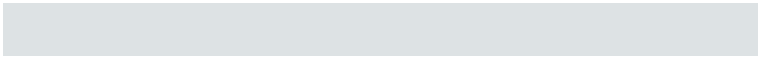
224.7330, -3.6220, -0.4380



224.8580, -2.4760, 0.8200

Triad

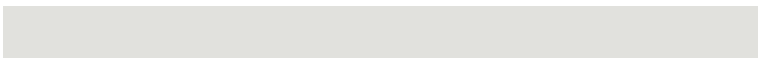
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.7330, -3.6220, -0.4380



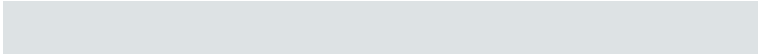
225.7230, 2.3380, 1.6820



224.5440, 1.2840, -1.2440

Complementary

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



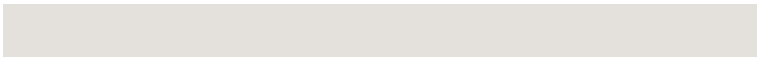
224.7330, -3.6220, -0.4380



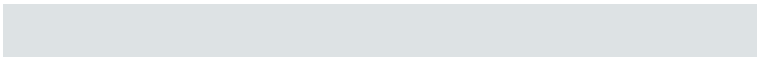
224.2670, 3.6220, 0.4380

Split Complementary

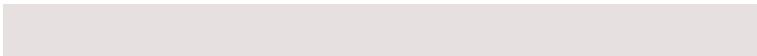
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.4410, 3.0720, -0.6080



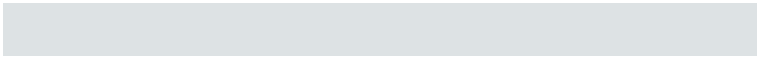
224.7330, -3.6220, -0.4380



225.7940, 3.5760, 1.2720

Square

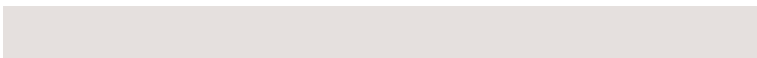
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7330, -3.6220, -0.4380



225.3530, 0.5040, 1.8800



225.2670, 3.6220, 0.4380



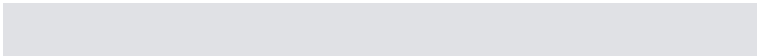
224.7610, -0.8250, -1.5690

Rectangle

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



224.7330, -3.6220, -0.4380



225.1570, -1.8800, 1.0320



225.2670, 3.6220, 0.4380



224.8430, 1.8800, -1.0320

Sweetspot

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



224.7330, -3.6220, -0.4380



253.5160, -1.5130, -0.1130



225.3370, -2.5670, -3.0390



126.8150, -0.9170, 0.0990



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

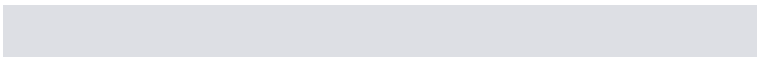
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.7330, -3.6220, -0.4380



250.2490, -5.1350, -0.5510



222.9720, -2.7970, 1.1310



112.0320, -3.0260, -0.2260



95.5420, -92.6590, -11.2750



26.9460, -26.2710, -2.9670

Inverse Universe

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



223.6630, 2.5670, 3.0390



248.7880, 3.7130, 4.2970



226.0280, 2.7970, -1.1310



111.2500, 2.2920, 2.5160



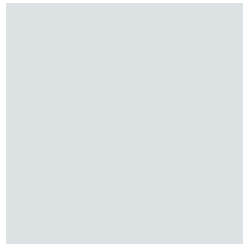
68.1130, 65.5960, 77.7560



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 224.7330, -3.6220, -0.4380 looks on a white background.

Color Contrast Check

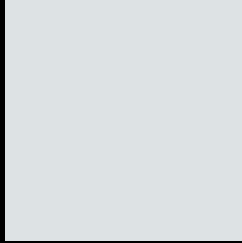
Large Text (above 18pt) WCAG AA × Fail

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 224.7330, -3.6220, -0.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

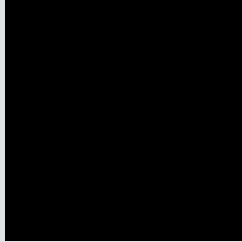
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

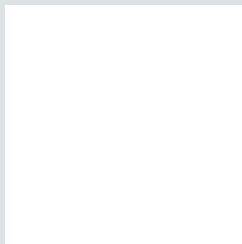
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.7330, -3.6220, -0.4380

Background



This preview shows how black text looks on a background with the YIQ color 224.7330, -3.6220, -0.4380.



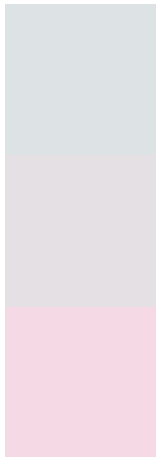
This preview shows how white text looks on a background with the YIQ color 224.7330, -3.6220,

-0.4380.

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

224.7330, -3.6220, -0.4380

Protanopia

225.5380, 1.4210, 1.7810

Deuteranopia

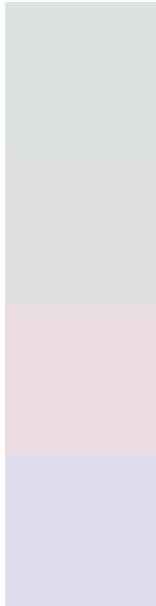
227.4410, 12.2400, 9.4560



Tritanopia

225.7530, -6.3740, 5.3860

Trichromacy



Original Color

224.7330, -3.6220, -0.4380

Protanomaly

225.2280, -0.6420, 0.6220

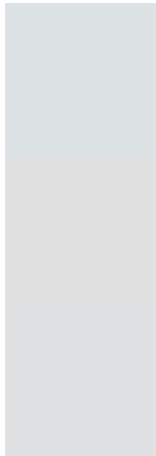
Deuteranomaly

226.3970, 6.3720, 5.6680

Tritanomaly

225.4710, -5.6400, 3.0960

Monochromacy



Original Color

224.7330, -3.6220, -0.4380

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7330, -3.6220, -0.4380 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, 226, 228)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 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, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 228) }
```

Border

The CSS property to change the border of an element to YIQ 224.7330, -3.6220, -0.4380 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, 226, 228) }
```


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

```
.border{ border-color:rgb(221, 226, 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, 226, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7330, -3.6220, -0.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 228) }
```

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

```
.background{ background-color: rgb(221,  
226, 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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