

Converting Colors

YIQ(224.7380, -2.0180, 3.5340)

Have a look what the booklet for
YIQ(224.7380, -2.0180, 3.5340)
contains.

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Color

**YIQ(224.7380, -2.0180,
3.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFE9
RGB	225, 223, 233
RGB Percent	88%, 87%, 91%
CMY	0.1176, 0.1255, 0.0863
CMYK	0.03, 0.04, 0.00, 0.09
HSL	252°, 19%, 89%
HSV	252°, 4%, 91%
XYZ	72.1471, 74.6659, 87.6972
YIQ	224.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

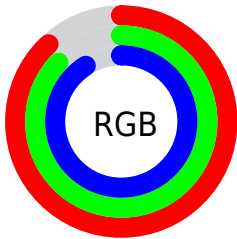
Format	Color
R_{YB}	225, 223, 233
Decimal	14802921
CIE Lab	89.24, 2.50, -4.64
CIE LCh	89, 5.271, 298.303
Yxy	74.6659, 0.3077, 0.3184
Android (android.graphics.Color)	4292993001 (0xFFE1DFE9)
YUV	224.7380, 4.0732, 0.2298
Hunter-Lab	86.4094, -2.1789, 0.3130

Details

The YIQ color $224.7380, -2.0180, 3.5340$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.2620, 2.0180, -3.5340$, 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 $169.6240, -1.6970, 3.2230$ is the 20% darker color. If you saturate the color by 10%, you get $205.5560, -7.0170, 11.5350$, and if you desaturate by 10%, it is $243.9200, 2.9810, -4.4670$.

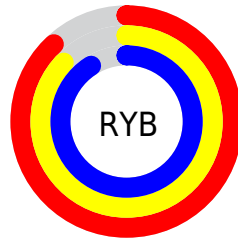
Distribution



Red (88%)

Green (87%)

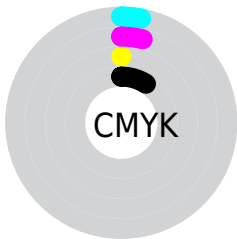
Blue (91%)



Red (88%)

Yellow (87%)

Blue (91%)

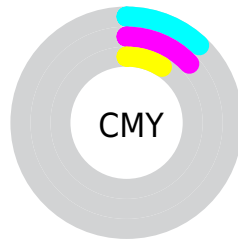


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7380, -2.0180, 3.5340 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 224.7380, -2.0180, 3.5340 by changing the saturation by 10% instead.

■ 224.7380, -2.0180,
3.5340

■ 224.7380, -2.0180,
3.5340

255.0000, -0.0000,
-0.0000

■ 196.7380, -2.0180,
3.5340

■ 169.6240, -1.6970,
3.2230

■ 142.7380, -2.0180,
3.5340

■ 117.6240, -1.6970,
3.2230

■ 92.6240, -1.6970,
3.2230

■ 69.2110, -1.9720,
2.7000

■ 47.0970, -1.6510,

2.3890

■ 26.0970, -1.6510,
2.3890

■ 0.9120, -2.5680,
2.4880

■ 224.7380, -2.0180,
3.5340

■ 224.7380, -2.0180,
3.5340

■ 205.5560, -7.0170,
11.5350

■ 243.9200, 2.9810,
-4.4670

■ 186.0860,
-11.1450, 20.2710

■ 252.4920, 7.0620,
-6.8420

■ 166.9040,
-16.1440, 28.2720

■ 147.7220,
-21.1430, 36.2730

■ 128.8390,
-25.5460, 44.4860

■ 109.0700,
-30.2700, 53.0100

■ 90.1870, -34.6730,
61.2230

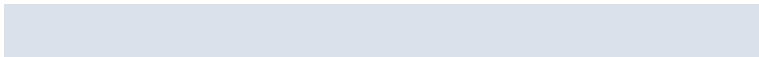
■ 71.0050, -39.6720,
69.2240

■ 51.2360, -44.3960,
77.7480

Harmonies

Analogous

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



224.2320, -6.4650, 1.5270



224.7380, -2.0180, 3.5340



225.6030, 2.7960, 4.3960

Triad

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



224.7380, -2.0180, 3.5340



224.6050, 8.4820, 0.4660



222.4720, -7.3810, -3.9010

Complementary

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



224.7380, -2.0180, 3.5340



231.2620, 2.0180, -3.5340

Split Complementary

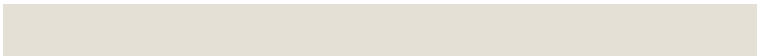
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.0980, -3.3920, -4.6080



224.7380, -2.0180, 3.5340



224.3550, 6.1900, -2.0500

Square

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



224.7380, -2.0180, 3.5340



225.0720, 8.6650, 2.6570



223.2620, 2.0180, -3.5340



222.7430, -9.5820, -2.5580

Rectangle

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



224.7380, -2.0180, 3.5340



225.4570, 6.1430, 4.3110



223.2620, 2.0180, -3.5340



222.8420, -5.5470, -4.0990

Sweetspot

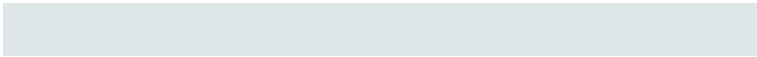
The Sweet Spot groups the original color and five complimentary colors.



224.7380, -2.0180, 3.5340



252.6410, -0.3670, 1.1450



228.8360, -5.4100, -1.0740



126.2280, -0.6420, 0.6220



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.



224.7380, -2.0180, 3.5340



244.3790, -2.3850, 4.6790



226.2330, 0.9620, 4.5940



111.3960, -1.0550, 2.6010



31.3980, -36.6450, 63.9230



9.4450, -10.7780, 19.1260

Inverse Universe

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



226.9020, 3.3920, 4.6080



247.0270, 4.5380, 5.8660



229.7670, -0.9620, -4.5940



112.7770, 2.2460, 3.3500



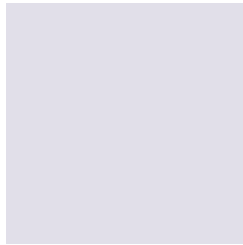
70.6490, 61.3310, 83.4670



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 224.7380, -2.0180, 3.5340 looks on a white background.

Color Contrast Check

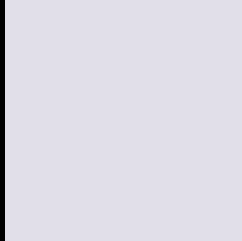
Large Text (above 18pt) WCAG AA × Fail

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 224.7380, -2.0180, 3.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

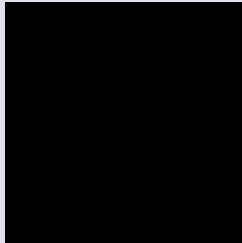
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

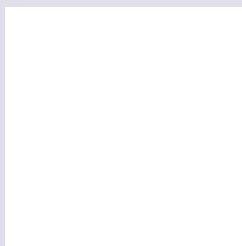
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.7380, -2.0180, 3.5340

Background



This preview shows how black text looks on a background with the YIQ color 224.7380, -2.0180, 3.5340.



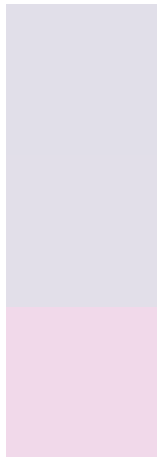
This preview shows how white text looks on a background with the YIQ color 224.7380, -2.0180,

3.5340.

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

224.7380, -2.0180, 3.5340

Protanopia

225.0370, -1.4220, 3.7460

Deuteranopia

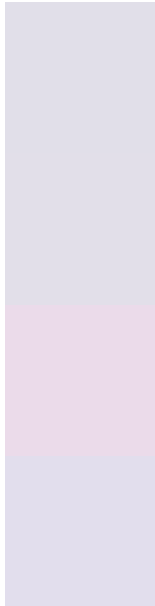
226.1140, 8.8470, 10.3750



Tritanopia

225.1340, -3.0730, 6.1350

Trichromacy



Original Color

224.7380, -2.0180, 3.5340

Protanomaly

225.0370, -1.4220, 3.7460

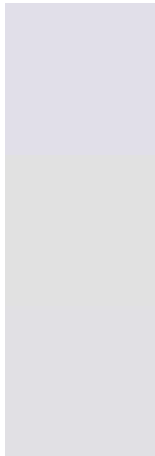
Deuteranomaly

225.4940, 4.7210, 8.0570

Tritanomaly

224.9060, -2.4310, 5.5130

Monochromacy



Original Color

224.7380, -2.0180, 3.5340

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7380, -2.0180, 3.5340 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(225, 223, 233)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 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(225, 223, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 233) }
```

Border

The CSS property to change the border of an element to YIQ 224.7380, -2.0180, 3.5340 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(225, 223, 233) }
```


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

```
.border{ border-color:rgb(225, 223, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 223, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 223, 233); box-shadow:4px 4px 4px 4px rgb(225, 223, 233) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7380, -2.0180, 3.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 233) }
```

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

```
.background{ background-color: rgb(225,  
223, 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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