

Converting Colors

YIQ(220.0220, 2.9340, 1.8940)

Have a look what the booklet for
YIQ(220.0220, 2.9340, 1.8940)
contains.

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Color

**YIQ(220.0220, 2.9340,
1.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DADC
RGB	224, 218, 220
RGB Percent	88%, 85%, 86%
CMY	0.1215, 0.1451, 0.1372
CMYK	0.00, 0.03, 0.02, 0.12
HSL	340°, 9%, 87%
HSV	340°, 3%, 88%
XYZ	68.7311, 71.1569, 77.8241
YIQ	220.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

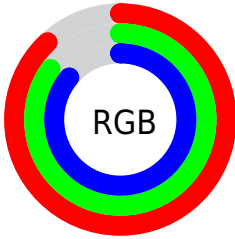
Format	Color
RYB	224, 218, 220
Decimal	14736092
CIELab	87.56, 2.40, -0.27
CIELCh	88, 2.419, 353.694
Yxy	71.1569, 0.3157, 0.3268
Android (android.graphics.Color)	4292926172 (0xFFE0DADC)
YUV	220.0220, -0.0108, 3.4887
Hunter-Lab	84.3545, -2.1808, 4.3482

Details

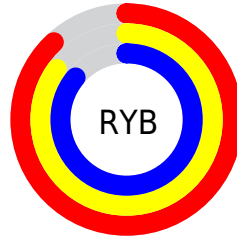
The YIQ color `220.0220, 2.9340, 1.8940` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.9780, -2.9340, -1.8940`, and the grayscale version is `220.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `165.0220, 2.9340, 1.8940` is the 20% darker color. If you saturate the color by 10%, you get `205.3980, 13.7990, 8.7350`, and if you desaturate by 10%, it is `234.6460, -7.9310, -4.9470`.

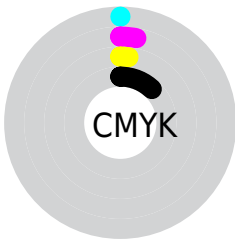
Distribution



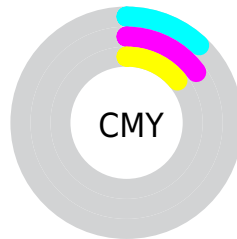
- Red (88%)
- Green (85%)
- Blue (86%)



- Red (88%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0220, 2.9340, 1.8940 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 220.0220, 2.9340, 1.8940 by changing the saturation by 10% instead.

■ 220.0220, 2.9340,
1.8940

■ 220.0220, 2.9340,
1.8940

255.0000, -0.0000,
-0.0000

■ 192.0220, 2.9340,
1.8940

■ 165.0220, 2.9340,
1.8940

■ 138.7230, 2.3380,
1.6820

■ 113.6090, 2.6590,
1.3710

■ 88.7230, 2.3380,
1.6820

■ 65.7230, 2.3380,
1.6820

■ 43.3100, 2.0630,

1.1590

■ 23.3100, 2.0630,
1.1590

■ 0.0000, 0.0000,
0.0000

■ 220.0220, 2.9340,
1.8940

■ 220.0220, 2.9340,
1.8940

■ 205.3980, 13.7990,
8.7350

■ 234.6460, -7.9310,
-4.9470

■ 190.1870, 24.9390,
16.0990

■ 245.1610,
-16.8710, -8.1270

■ 175.5630, 35.8040,
22.9400

■ 245.7310,
-18.4760, -6.5720

■ 160.3520, 46.9440,
30.3040

■ 145.7280, 57.8090,
37.1450

■ 131.1040, 68.6740,
43.9860

■ 115.8930, 79.8140,
51.3500

■ 101.3830, 90.3580,
58.5020

■ 86.1720, 101.4980,
65.8660

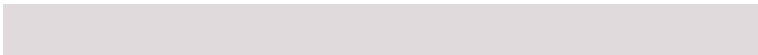
Harmonies

Analogous

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



219.6520, 1.1000, 2.0920



220.0220, 2.9340, 1.8940



220.0930, 4.1720, 1.4840

Triad

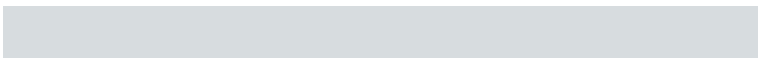
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.0220, 2.9340, 1.8940



219.1310, 1.0090, -1.7670



218.8470, -3.9430, -0.1270

Complementary

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



220.0220, 2.9340, 1.8940



221.9780, -2.9340, -1.8940

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.



218.9070, -4.1720, -1.4840



220.0220, 2.9340, 1.8940



219.3480, -1.1000, -2.0920

Square

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



220.0220, 2.9340, 1.8940



219.4410, 3.0720, -0.6080



218.9780, -2.9340, -1.8940



219.5590, -3.0720, 0.6080

Rectangle

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



220.0220, 2.9340, 1.8940



219.5660, 4.2180, 0.6500



218.9780, -2.9340, -1.8940



219.1350, -4.8140, -0.8620

Sweetspot

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



220.0220, 2.9340, 1.8940



253.0110, 1.4670, 0.9470



219.8800, 0.4580, 2.7140



126.7120, 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.



220.0220, 2.9340, 1.8940



249.7340, 3.8050, 2.6290



220.3810, 3.3010, 0.7490



109.3100, 2.0630, 1.1590



59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Inverse Universe

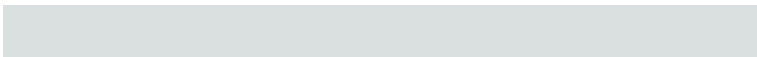
The Inverse Universe completely reimagines the original color for something new.



220.0220, 2.9340, 1.8940



249.7340, 3.8050, 2.6290



221.6190, -3.3010, -0.7490



109.3100, 2.0630, 1.1590



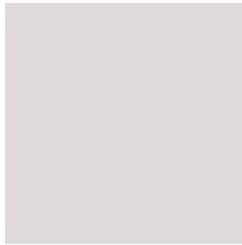
59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 220.0220, 2.9340, 1.8940 looks on a white background.

Color Contrast Check

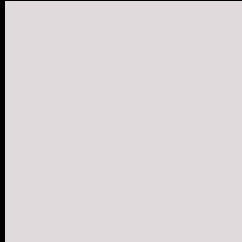
Large Text (above 18pt) WCAG AA × Fail

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 220.0220, 2.9340, 1.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

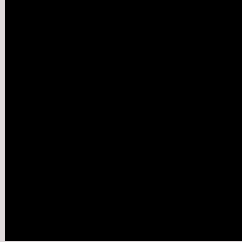
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

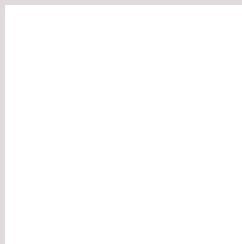
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.0220, 2.9340, 1.8940

Background



This preview shows how black text looks on a background with the YIQ color 220.0220, 2.9340, 1.8940.



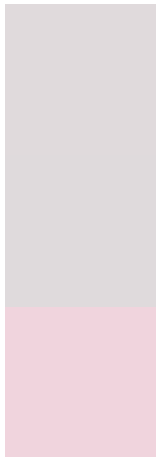
This preview shows how white text looks on a background with the YIQ color 220.0220, 2.9340,

1.8940.

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

220.0220, 2.9340, 1.8940

Protanopia

219.7230, 2.3380, 1.6820

Deuteranopia

221.3980, 13.7990, 8.7350



Tritanopia

220.9280, 0.5030, 7.4070

Trichromacy



Original Color

220.0220, 2.9340, 1.8940

Protanomaly

219.7230, 2.3380, 1.6820

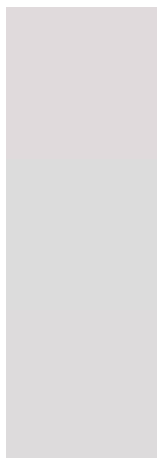
Deuteranomaly

220.7780, 9.6730, 6.4170

Tritanomaly

220.6460, 1.2370, 5.1170

Monochromacy



Original Color

220.0220, 2.9340, 1.8940

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7120, 0.8710, 0.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0220, 2.9340, 1.8940 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(224, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 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(224, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 220) }
```

Border

The CSS property to change the border of an element to YIQ 220.0220, 2.9340, 1.8940 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(224, 218, 220) }
```


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

```
.border{ border-color:rgb(224, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0220, 2.9340, 1.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 220) }
```

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

```
.background{ background-color: rgb(224,  
218, 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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