

Converting Colors

YIQ(226.2620, 2.0180, -3.5340)

Have a look what the booklet for
YIQ(226.2620, 2.0180, -3.5340)
contains.

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Color

**YIQ(226.2620, 2.0180,
-3.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4DA
RGB	226, 228, 218
RGB Percent	89%, 89%, 85%
CMY	0.1137, 0.1059, 0.1451
CMYK	0.01, 0.00, 0.04, 0.11
HSL	72°, 16%, 87%
HSV	72°, 4%, 89%
XYZ	71.7622, 76.7177, 77.3582
YIQ	226.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

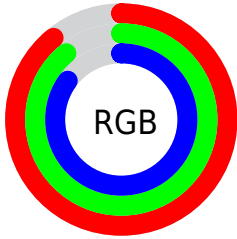
Format	Color
RYB	218, 228, 220
Decimal	14869722
CIELab	90.19, -2.43, 4.63
CIELCh	90, 5.227, 117.718
Yxy	76.7177, 0.3178, 0.3397
Android (android.graphics.Color)	4293059802 (0xFFE2E4DA)
YUV	226.2620, -4.0732, -0.2298
Hunter-Lab	87.5887, -7.0334, 8.9472

Details

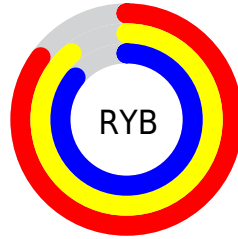
The YIQ color $226.2620, 2.0180, -3.5340$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.7380, -2.0180, 3.5340$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.2620, 2.0180, -3.5340$ is the 20% darker color. If you saturate the color by 10%, you get $222.1450, 6.4210, -11.7470$, and if you desaturate by 10%, it is $230.3790, -2.3850, 4.6790$.

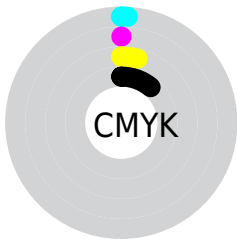
Distribution



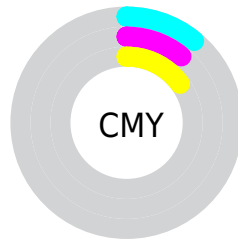
- Red (89%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.2620, 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 226.2620, 2.0180, -3.5340 by changing the saturation by 10% instead.

■ 226.2620, 2.0180,
-3.5340

■ 226.2620, 2.0180,
-3.5340

255.0000, -0.0000,
-0.0000

■ 198.2620, 2.0180,
-3.5340

■ 171.2620, 2.0180,
-3.5340

■ 144.3760, 1.6970,
-3.2230

■ 118.7890, 1.9720,
-2.7000

■ 94.3760, 1.6970,
-3.2230

■ 70.4900, 1.3760,
-2.9120

■ 48.4900, 1.3760,

-2.9120

■ 27.6040, 1.0550,
-2.6010

■ 0.5870, -0.2750,
-0.5230

■ 226.2620, 2.0180,
-3.5340

■ 226.2620, 2.0180,
-3.5340

■ 222.1450, 6.4210,
-11.7470

■ 230.3790, -2.3850,
4.6790

■ 218.3270, 11.4200,
-19.7480

■ 233.1710, -4.4950,
9.8810

■ 214.3240, 15.5020,
-27.6500

■ 234.6660, -1.5150,
10.9410

■ 210.5060, 20.5010,
-35.6510

■ 235.8620, 0.8690,
11.7890

■ 206.3890, 24.9040,
-43.8640

■ 237.3570, 3.8490,
12.8490

■ 202.5710, 29.9030,
-51.8650

■ 238.5530, 6.2330,
13.6970

■ 198.4540, 34.3060,
-60.0780

■ 239.1510, 7.4250,
14.1210

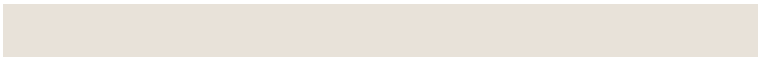
■ 194.4510, 38.3880,
-67.9800

■ 190.6330, 43.3870,
-75.9810

Harmonies

Analogous

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



226.7680, 6.4650, -1.5270



226.2620, 2.0180, -3.5340



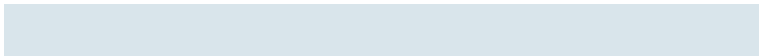
225.3970, -2.7960, -4.3960

Triad

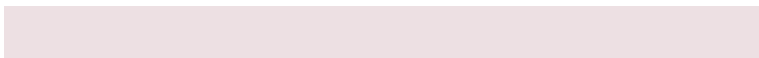
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.2620, 2.0180, -3.5340



226.0960, -9.0780, -0.6780



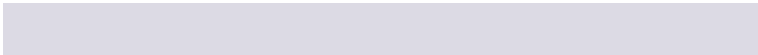
228.2290, 6.7850, 3.6890

Complementary

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



226.2620, 2.0180, -3.5340



219.7380, -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.



227.6030, 2.7960, 4.3960



226.2620, 2.0180, -3.5340



226.6450, -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.



226.2620, 2.0180, -3.5340



225.6290, -9.2610, -2.8690



227.7380, -2.0180, 3.5340



227.9580, 8.9860, 2.3460

Rectangle

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



226.2620, 2.0180, -3.5340



225.5430, -6.1430, -4.3110



227.7380, -2.0180, 3.5340



228.1580, 5.5470, 4.0990

Sweetspot

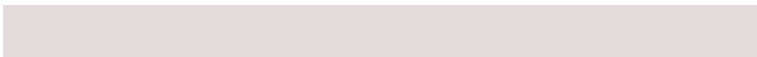
The Sweet Spot groups the original color and five complimentary colors.



226.2620, 2.0180, -3.5340



254.3590, 0.3670, -1.1450



222.1640, 5.4100, 1.0740



127.4730, 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.



226.2620, 2.0180, -3.5340



252.6210, 2.3850, -4.6790



224.7670, -0.9620, -4.5940



113.6040, 1.0550, -2.6010



147.8300, 36.0030, -63.3010



42.1960, 10.4110, -17.9810

Inverse Universe

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



219.7380, -2.0180, 3.5340



244.3790, -2.3850, 4.6790



221.2330, 0.9620, 4.5940



109.0970, -1.6510, 2.3890



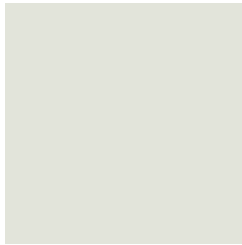
31.1700, -36.0030, 63.3010



8.8040, -10.4110, 17.9810

Previews

White Background



This preview shows how the YIQ color 226.2620, 2.0180, -3.5340 looks on a white background.

Color Contrast Check

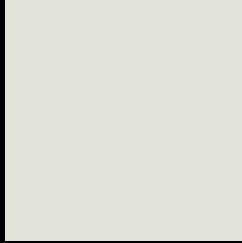
Large Text (above 18pt) WCAG AA × Fail

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 226.2620, 2.0180, -3.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

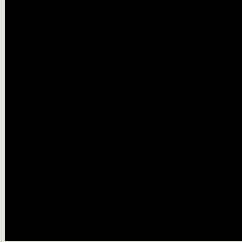
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

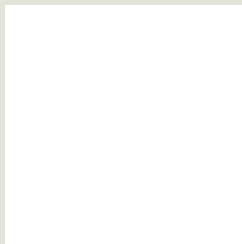
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.2620, 2.0180, -3.5340

Background



This preview shows how black text looks on a background with the YIQ color 226.2620, 2.0180, -3.5340.



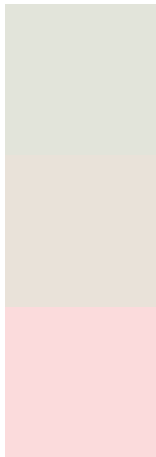
This preview shows how white text looks on a background with the YIQ color 226.2620, 2.0180,

-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

226.2620, 2.0180, -3.5340

Protanopia

227.0670, 7.0610, -1.3150

Deuteranopia

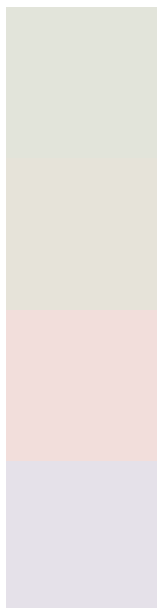
228.6820, 18.7510, 7.0950



Tritanopia

227.8460, -2.2020, 6.8700

Trichromacy



Original Color

226.2620, 2.0180, -3.5340

Protanomaly

226.7570, 4.9980, -2.4740

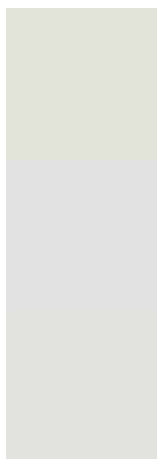
Deuteranomaly

227.6380, 12.8830, 3.3070

Tritanomaly

227.1080, -0.1840, 3.3360

Monochromacy



Original Color

226.2620, 2.0180, -3.5340

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.2620, 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(226, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 218)  
}
```

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(226, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 218) }
```

Border

The CSS property to change the border of an element to YIQ 226.2620, 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(226, 228, 218) }
```


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

```
.border{ border-color:rgb(226, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 226.2620, 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(226, 228, 218) }
```

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

```
.background{ background-color: rgb(226,  
228, 218) }
```

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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