

Converting Colors

YIQ(227.8520, -2.3390, 3.8450)

Have a look what the booklet for
YIQ(227.8520, -2.3390, 3.8450)
contains.

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Color

**YIQ(227.8520, -2.3390,
3.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E2ED
RGB	228, 226, 237
RGB Percent	89%, 89%, 93%
CMY	0.1059, 0.1137, 0.0706
CMYK	0.04, 0.05, 0.00, 0.07
HSL	251°, 23%, 91%
HSV	251°, 5%, 93%
XYZ	74.4774, 77.0009, 91.0546
YIQ	227.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

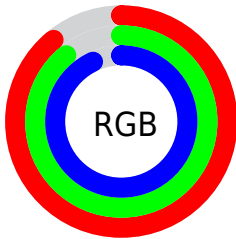
Format	Color
RYB	228, 226, 237
Decimal	15000301
CIELab	90.32, 2.68, -5.11
CIElCh	90, 5.772, 297.638
Yxy	77.0009, 0.3071, 0.3175
Android (android.graphics.Color)	4293190381 (0xFFE4E2ED)
YUV	227.8520, 4.5100, 0.1298
Hunter-Lab	87.7502, -2.0620, -0.0976

Details

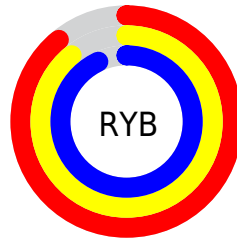
The YIQ color $227.8520, -2.3390, 3.8450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $235.1480, 2.3390, -3.8450$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.7380, -2.0180, 3.5340$ is the 20% darker color. If you saturate the color by 10%, you get $208.0830, -7.0630, 12.3690$, and if you desaturate by 10%, it is $247.6210, 2.3850, -4.6790$.

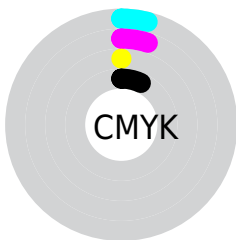
Distribution



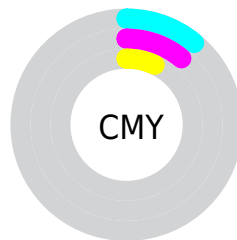
- Red (89%)
- Green (89%)
- Blue (93%)



- Red (89%)
- Yellow (89%)
- Blue (93%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.8520, -2.3390, 3.8450 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 227.8520, -2.3390, 3.8450 by changing the saturation by 10% instead.

■ 227.8520, -2.3390,
3.8450

■ 227.8520, -2.3390,
3.8450

255.0000, -0.0000,
-0.0000

■ 199.8520, -2.3390,
3.8450

■ 172.7380, -2.0180,
3.5340

■ 145.7380, -2.0180,
3.5340

■ 120.3250, -2.2930,
3.0110

■ 95.6240, -1.6970,
3.2230

■ 71.6240, -1.6970,
3.2230

■ 49.2110, -1.9720,

2.7000

■ 28.2110, -1.9720,
2.7000

■ 2.0800, -2.9810,
4.4670

■ 227.8520, -2.3390,
3.8450

■ 227.8520, -2.3390,
3.8450

■ 208.0830, -7.0630,
12.3690

■ 247.6210, 2.3850,
-4.6790

■ 188.6020,
-12.6580, 20.1580

■ 252.9480, 5.7780,
-5.5980

■ 168.8330,
-17.3820, 28.6820

■ 148.7650,
-22.7020, 36.9940

■ 129.5830,
-27.7010, 44.9950

■ 109.8140,
-32.4250, 53.5190

■ 89.7460, -37.7450,
61.8310

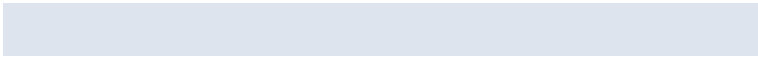
■ 69.9770, -42.4690,
70.3550

■ 50.7950, -47.4680,
78.3560

Harmonies

Analogous

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



227.0470, -7.3820, 1.6260



227.8520, -2.3390, 3.8450



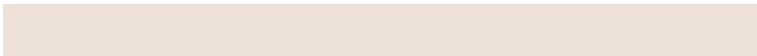
228.0160, 3.0710, 4.9190

Triad

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



227.8520, -2.3390, 3.8450



227.7900, 9.3990, 0.3670



226.0590, -7.6560, -4.4240

Complementary

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



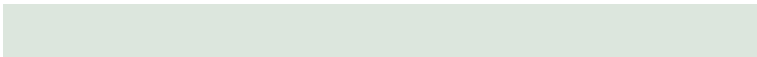
227.8520, -2.3390, 3.8450



235.1480, 2.3390, -3.8450

Split Complementary

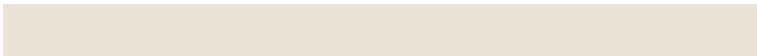
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.9840, -3.0710, -4.9190



227.8520, -2.3390, 3.8450



227.5400, 7.1070, -2.1490

Square

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



227.8520, -2.3390, 3.8450



228.5560, 10.1780, 2.7700



226.1480, 2.3390, -3.8450



225.4440, -10.1780, -2.7700

Rectangle

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



227.8520, -2.3390, 3.8450



228.5710, 5.8220, 4.6220



226.1480, 2.3390, -3.8450



226.1300, -6.4180, -4.8340

Sweetspot

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



227.8520, -2.3390, 3.8450



252.6410, -0.3670, 1.1450



232.5370, -6.0060, -1.2860



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.



227.8520, -2.3390, 3.8450



242.3080, -3.6230, 5.0890



229.3470, 0.6410, 4.9050



110.5100, -1.3760, 2.9120



30.5010, -38.4330, 63.2870



9.1460, -11.3740, 18.9140

Inverse Universe

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



230.3150, 3.6670, 5.1310



245.8530, 5.0880, 6.9120



233.6530, -0.6410, -4.9050



112.1900, 2.5210, 3.8730



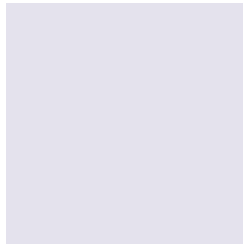
70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 227.8520, -2.3390, 3.8450 looks on a white background.

Color Contrast Check

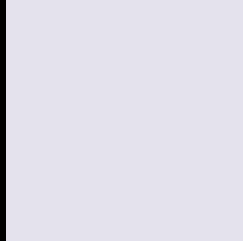
Large Text (above 18pt) WCAG AA × Fail

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 227.8520, -2.3390, 3.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

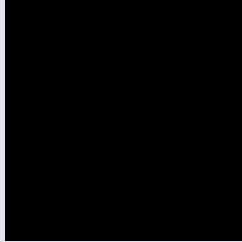
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

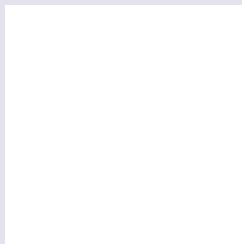
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.8520, -2.3390, 3.8450

Background



This preview shows how black text looks on a background with the YIQ color 227.8520, -2.3390, 3.8450.



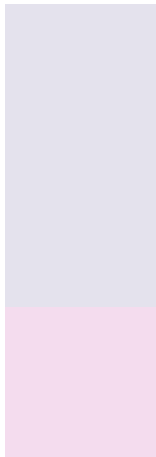
This preview shows how white text looks on a background with the YIQ color 227.8520, -2.3390,

3.8450.

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

227.8520, -2.3390, 3.8450

Protanopia

227.8520, -2.3390, 3.8450

Deuteranopia

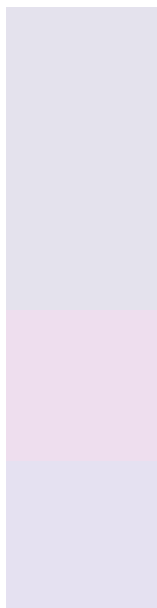
229.2280, 8.5260, 10.6860



Tritanopia

228.2480, -3.3940, 6.4460

Trichromacy



Original Color

227.8520, -2.3390, 3.8450

Protanomaly

227.8520, -2.3390, 3.8450

Deuteranomaly

228.6080, 4.4000, 8.3680

Tritanomaly

228.0200, -2.7520, 5.8240

Monochromacy



Original Color

227.8520, -2.3390, 3.8450

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.8520, -2.3390, 3.8450 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(228, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 237)  
}
```

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(228, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 237) }
```

Border

The CSS property to change the border of an element to YIQ 227.8520, -2.3390, 3.8450 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(228, 226, 237) }
```


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

```
.border{ border-color:rgb(228, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 227.8520, -2.3390, 3.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 237) }
```

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

```
.background{ background-color: rgb(228,  
226, 237) }
```

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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