

Converting Colors

YIQ(228.9100, 8.9410, -2.3470)

Have a look what the booklet for
YIQ(228.9100, 8.9410, -2.3470)
contains.

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Color

**YIQ(228.9100, 8.9410,
-2.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4D7
RGB	236, 228, 215
RGB Percent	93%, 89%, 84%
CMY	0.0745, 0.1059, 0.1568
CMYK	0.00, 0.03, 0.09, 0.07
HSL	37°, 36%, 88%
HSV	37°, 9%, 93%
XYZ	74.6027, 78.2252, 75.4648
YIQ	228.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

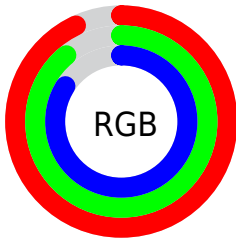
Format	Color
RYB	228, 236, 215
Decimal	15525079
CIELab	90.88, 0.52, 7.29
CIElCh	91, 7.305, 85.918
Yxy	78.2252, 0.3268, 0.3427
Android (android.graphics.Color)	4293715159 (0xFFECE4D7)
YUV	228.9100, -6.8576, 6.2179
Hunter-Lab	88.4450, -4.2153, 11.3229

Details

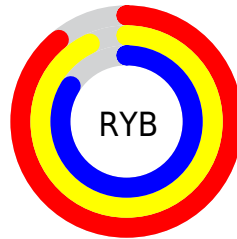
The YIQ color $228.9100, 8.9410, -2.3470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.0900, -8.9410, 2.3470$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.6110, 8.3450, -2.5590$ is the 20% darker color. If you saturate the color by 10%, you get $220.8910, 19.1200, -5.1040$, and if you desaturate by 10%, it is $236.9290, -1.2380, 0.4100$.

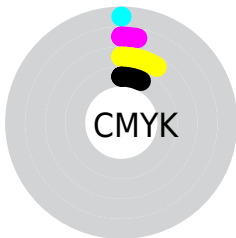
Distribution



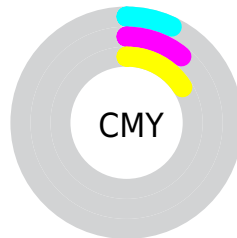
- Red (93%)
- Green (89%)
- Blue (84%)



- Red (89%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.9100, 8.9410, -2.3470 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 228.9100, 8.9410, -2.3470 by changing the saturation by 10% instead.

■ 228.9100, 8.9410,
-2.3470

■ 228.9100, 8.9410,
-2.3470

255.0000, -0.0000,
-0.0000

■ 200.9100, 8.9410,
-2.3470

■ 173.6110, 8.3450,
-2.5590

■ 146.7250, 8.0240,
-2.2480

■ 120.8390, 7.7030,
-1.9370

■ 96.5400, 7.1070,
-2.1490

■ 72.5400, 7.1070,
-2.1490

■ 50.3550, 6.1900,

-2.0500

■ 29.3550, 6.1900,
-2.0500

■ 3.5550, 2.7510,
-0.2970

■ 228.9100, 8.9410,
-2.3470

■ 228.9100, 8.9410,
-2.3470

■ 220.8910, 19.1200,
-5.1040

■ 236.9290, -1.2380,
0.4100

■ 212.9860, 28.9780,
-7.5500

■ 244.0360, -8.8490,
0.6790

■ 204.9670, 39.1570,
-10.3070

■ 249.3190,
-11.3240, -4.0280

■ 197.0620, 49.0150,
-12.7530

■ 189.0430, 59.1940,
-15.5100

■ 181.0240, 69.3730,
-18.2670

■ 173.1190, 79.2310,
-20.7130

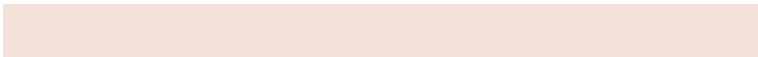
■ 165.1000, 89.4100,
-23.4700

■ 157.1950, 99.2680,
-25.9160

Harmonies

Analogous

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



229.7580, 12.4250, 0.5930



228.9100, 8.9410, -2.3470



227.8060, 3.3020, -4.7780

Triad

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



228.9100, 8.9410, -2.3470



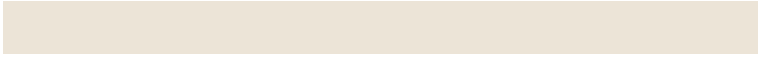
226.9490, -13.1580, -3.8300



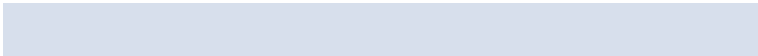
229.9560, 3.3000, 6.2760

Complementary

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



228.9100, 8.9410, -2.3470



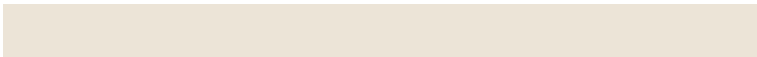
222.0900, -8.9410, 2.3470

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.



229.1940, -3.3020, 4.7780



228.9100, 8.9410, -2.3470



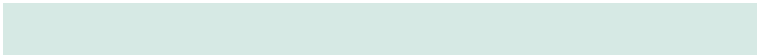
227.5300, -13.2960, -1.3280

Square

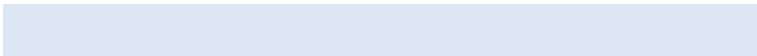
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.9100, 8.9410, -2.3470



226.7490, -9.7190, -5.5830



228.7910, -9.5370, 2.1350



230.3650, 9.3980, 5.8940

Rectangle

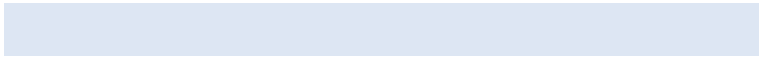
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.9100, 8.9410, -2.3470



227.8270, -1.1910, -5.9510



228.7910, -9.5370, 2.1350



230.1730, 1.1910, 5.9510

Sweetspot

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



228.9100, 8.9410, -2.3470



252.3270, 3.3930, -0.9190



222.1910, 9.9480, 6.9400



126.1420, 2.4760, -0.8200



0.0000, 0.0000, 0.0000



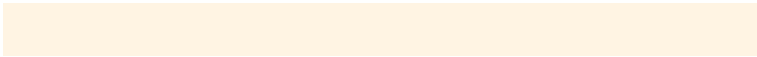
128.0000, -0.0000, -0.0000

Same Dimension

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



228.9100, 8.9410, -2.3470



245.3510, 12.0130, -2.9550



233.0080, 5.5490, -6.9550



113.3980, 4.6310, -1.3290



119.8630, 77.0760, -20.2040



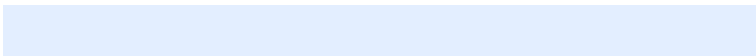
35.5170, 23.1090, -5.8110

Inverse Universe

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



222.0900, -8.9410, 2.3470



236.6490, -12.0130, 2.9550



217.9920, -5.5490, 6.9550



109.6020, -4.6310, 1.3290



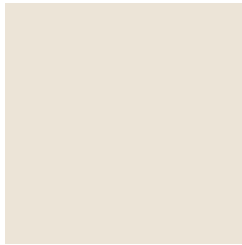
61.1370, -77.0760, 20.2040



17.8960, -22.8340, 6.3340

Previews

White Background



This preview shows how the YIQ color 228.9100, 8.9410, -2.3470 looks on a white background.

Color Contrast Check

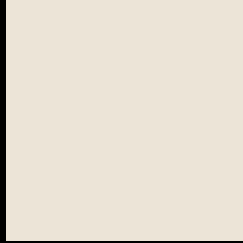
Large Text (above 18pt) WCAG AA × Fail

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 228.9100, 8.9410, -2.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

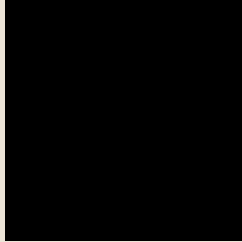
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

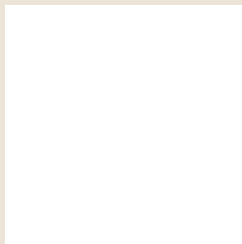
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.9100, 8.9410, -2.3470

Background



This preview shows how black text looks on a background with the YIQ color 228.9100, 8.9410, -2.3470.



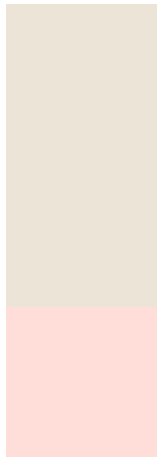
This preview shows how white text looks on a background with the YIQ color 228.9100, 8.9410,

-2.3470.

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

228.9100, 8.9410, -2.3470

Protanopia

228.9100, 8.9410, -2.3470

Deuteranopia

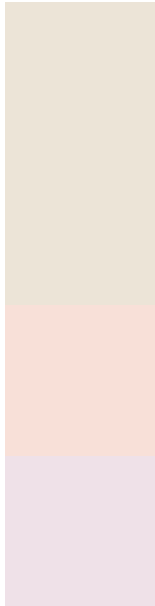
230.7100, 21.5480, 5.9640



Tritanopia

230.8360, 3.7580, 8.9900

Trichromacy



Original Color

228.9100, 8.9410, -2.3470

Protanomaly

228.9100, 8.9410, -2.3470

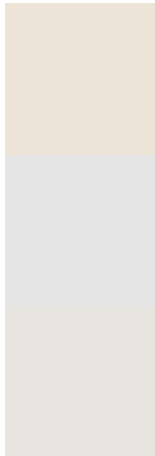
Deuteranomaly

230.2640, 16.8720, 2.6000

Tritanomaly

229.9840, 6.0970, 5.1450

Monochromacy



Original Color

228.9100, 8.9410, -2.3470

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.3270, 3.3930, -0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9100, 8.9410, -2.3470 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(236, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 215)  
}
```

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(236, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 215) }
```

Border

The CSS property to change the border of an element to YIQ 228.9100, 8.9410, -2.3470 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(236, 228, 215) }
```


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

```
.border{ border-color:rgb(236, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9100, 8.9410, -2.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 215) }
```

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

```
.background{ background-color: rgb(236,  
228, 215) }
```

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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