

Converting Colors

YIQ(232.2010, 3.9880, 4.8200)

Have a look what the booklet for
YIQ(232.2010, 3.9880, 4.8200)
contains.

YIQ(232.2010, 3.9880, 4.8200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(232.2010, 3.9880,
4.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE4EC
RGB	239, 228, 236
RGB Percent	94%, 89%, 93%
CMY	0.0627, 0.1059, 0.0745
CMYK	0.00, 0.05, 0.01, 0.06
HSL	316°, 26%, 92%
HSV	316°, 5%, 94%
XYZ	78.4821, 79.8926, 90.6431
YIQ	232.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

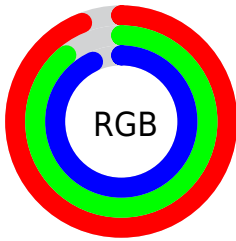
Format	Color
R _Y B	239, 228, 236
Decimal	15721708
CIE Lab	91.64, 5.13, -2.56
CIE LCh	92, 5.734, 333.453
Yxy	79.8926, 0.3152, 0.3208
Android (android.graphics.Color)	4293911788 (0xFFEFE4EC)
YUV	232.2010, 1.8729, 5.9627
Hunter-Lab	89.3827, 0.3115, 2.4418

Details

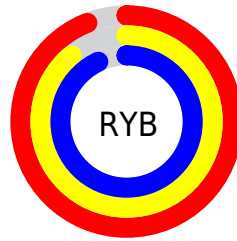
The YIQ color $232.2010, 3.9880, 4.8200$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $234.7990, -3.9880, -4.8200$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.7880, 3.7130, 4.2970$ is the 20% darker color. If you saturate the color by 10%, you get $217.3150, 12.8350, 15.1950$, and if you desaturate by 10%, it is $247.0870, -4.8590, -5.5550$.

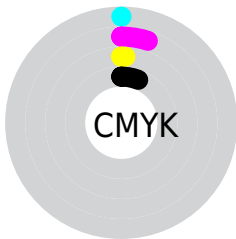
Distribution



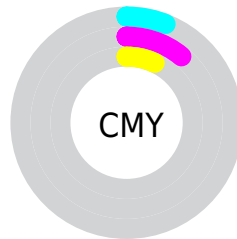
- Red (94%)
- Green (89%)
- Blue (93%)



- Red (94%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.2010, 3.9880, 4.8200 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 232.2010, 3.9880, 4.8200 by changing the saturation by 10% instead.

232.2010, 3.9880,
4.8200

232.2010, 3.9880,
4.8200

255.0000, -0.0000,
-0.0000

204.2010, 3.9880,
4.8200

176.7880, 3.7130,
4.2970

149.7880, 3.7130,
4.2970

123.9020, 3.3920,
4.6080

99.4890, 3.1170,
4.0850

75.4890, 3.1170,
4.0850

52.4890, 3.1170,

4.0850

■ 31.6630, 2.5670,
3.0390

■ 7.0270, 4.5380,
5.8660

■ 232.2010, 3.9880,
4.8200

■ 232.2010, 3.9880,
4.8200

■ 217.3150, 12.8350,
15.1950

■ 247.0870, -4.8590,
-5.5550

■ 202.5430, 21.3610,
25.8810

■ 249.5320, -7.6100,
-5.2580

■ 187.6570, 30.2080,
36.2560

■ 250.2160, -9.5360,
-3.3920

■ 172.8850, 38.7340,
46.9420

■ 157.9990, 47.5810,
57.3170

■ 143.8140, 55.8320,
67.4800

■ 128.9280, 64.6790,
77.8550

■ 114.1560, 73.2050,
88.5410

■ 99.2700, 82.0520,
98.9160

Harmonies

Analogous

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



231.4500, -1.1470, 4.2690



232.2010, 3.9880, 4.8200



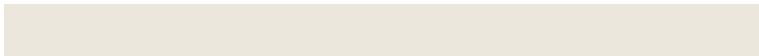
232.2400, 8.2520, 4.6360

Triad

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



232.2010, 3.9880, 4.8200



230.9420, 5.9150, -2.5730



229.5580, -10.4990, -2.4590

Complementary

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



232.2010, 3.9880, 4.8200



234.7990, -3.9880, -4.8200

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.



229.1730, -7.9770, -4.1130



232.2010, 3.9880, 4.8200



230.5500, 1.1470, -4.2690

Square

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



232.2010, 3.9880, 4.8200



231.3770, 9.1240, -0.1560



229.7990, -3.9880, -4.8200



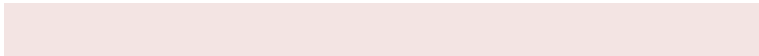
230.3240, -9.7200, -0.0560

Rectangle

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



232.2010, 3.9880, 4.8200



232.3710, 9.2610, 2.8690



229.7990, -3.9880, -4.8200



229.3300, -9.8570, -3.0810

Sweetspot

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



232.2010, 3.9880, 4.8200



253.1250, 1.1460, 1.2580



230.1510, -1.7430, 4.0570



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

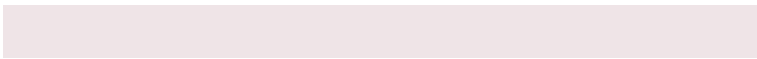
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2010, 3.9880, 4.8200



245.7390, 5.4090, 6.6010



231.6310, 5.5930, 3.2650



114.4890, 3.1170, 4.0850



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Inverse Universe

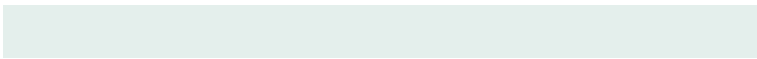
The Inverse Universe completely reimagines the original color for something new.



232.2010, 3.9880, 4.8200



245.7390, 5.4090, 6.6010



235.3690, -5.5930, -3.2650



114.4890, 3.1170, 4.0850



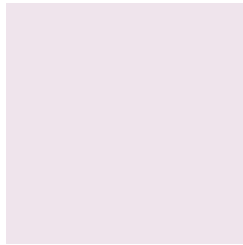
70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 232.2010, 3.9880, 4.8200 looks on a white background.

Color Contrast Check

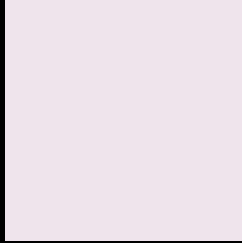
Large Text (above 18pt) WCAG AA × Fail

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 232.2010, 3.9880, 4.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

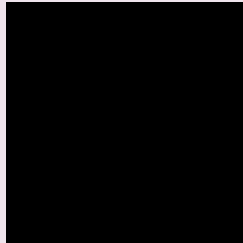
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

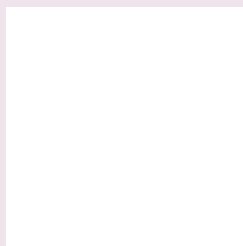
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.2010, 3.9880, 4.8200

Background



This preview shows how black text looks on a background with the YIQ color 232.2010, 3.9880, 4.8200.



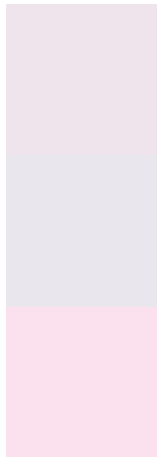
This preview shows how white text looks on a background with the YIQ color 232.2010, 3.9880,

4.8200.

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

232.2010, 3.9880, 4.8200

Protanopia

231.6950, -0.4590, 2.8130

Deuteranopia

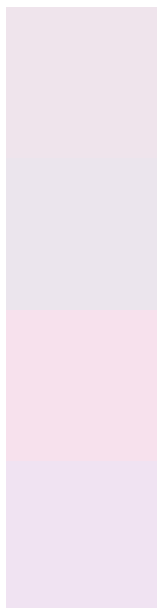
233.5550, 11.9190, 9.7670



Tritanopia

232.9390, 1.9700, 8.3540

Trichromacy



Original Color

232.2010, 3.9880, 4.8200

Protanomaly

231.7060, 1.0080, 3.7600

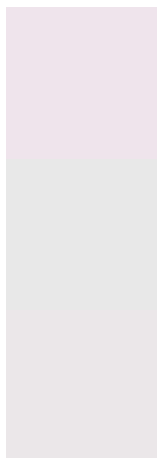
Deuteranomaly

232.9460, 9.2600, 8.3960

Tritanomaly

232.5970, 2.9330, 7.4210

Monochromacy



Original Color

232.2010, 3.9880, 4.8200

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.4240, 1.7420, 1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.2010, 3.9880, 4.8200 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(239, 228, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 236)  
}
```

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(239, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 236) }
```

Border

The CSS property to change the border of an element to YIQ 232.2010, 3.9880, 4.8200 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(239, 228, 236) }
```


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

```
.border{ border-color:rgb(239, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 232.2010, 3.9880, 4.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 236) }
```

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

```
.background{ background-color: rgb(239,  
228, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor