

Converting Colors

YIQ(223.7810, 13.6180, -4.5100)

Have a look what the booklet for
YIQ(223.7810, 13.6180, -4.5100)
contains.

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Color

**YIQ(223.7810, 13.6180,
-4.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	EADFC9
RGB	234, 223, 201
RGB Percent	92%, 87%, 79%
CMY	0.0823, 0.1255, 0.2117
CMYK	0.00, 0.05, 0.14, 0.08
HSL	40°, 44%, 85%
HSV	40°, 14%, 92%
XYZ	70.8639, 74.4837, 65.9114
YIQ	223.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

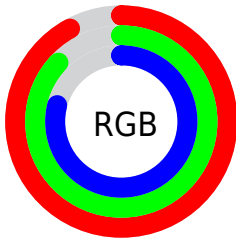
Format	Color
R _Y B	218, 234, 201
Decimal	15392713
CIE Lab	89.15, 0.15, 12.11
CIE LCh	89, 12.109, 89.300
Yxy	74.4837, 0.3354, 0.3526
Android (android.graphics.Color)	4293582793 (0xFFEADFC9)
YUV	223.7810, -11.2310, 8.9621
Hunter-Lab	86.3039, -4.4661, 15.1323

Details

The YIQ color **223.7810, 13.6180, -4.5100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211.2190, -13.6180, 4.5100**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **168.5960, 12.7010, -4.4110** is the 20% darker color. If you saturate the color by 10%, you get **216.4630, 23.2010, -7.4790**, and if you desaturate by 10%, it is **231.0990, 4.0350, -1.5410**.

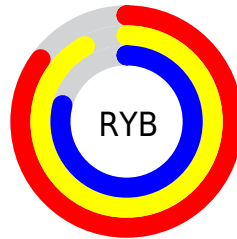
Distribution



Red (92%)

Green (87%)

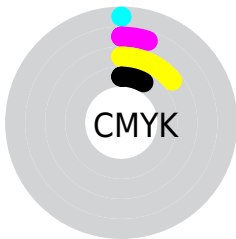
Blue (79%)



Red (85%)

Yellow (92%)

Blue (79%)

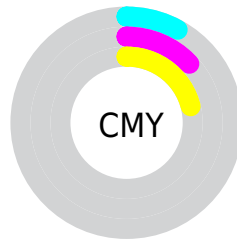


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7810, 13.6180, -4.5100 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 223.7810, 13.6180, -4.5100 by changing the saturation by 10% instead.

■ 223.7810, 13.6180,
-4.5100

■ 223.7810, 13.6180,
-4.5100

255.0000, -0.0000,
-0.0000

■ 195.8950, 13.2970,
-4.1990

■ 168.5960, 12.7010,
-4.4110

■ 142.2970, 12.1050,
-4.6230

■ 116.4110, 11.7840,
-4.3120

■ 91.6390, 11.1420,
-3.6900

■ 68.3400, 10.5460,
-3.9020

■ 46.1550, 9.6290,

-3.8030

■ 24.6990, 10.9130,
-5.0470

■ 0.0000, 0.0000,
0.0000

■ 223.7810, 13.6180,
-4.5100

■ 223.7810, 13.6180,
-4.5100

■ 216.4630, 23.2010,
-7.4790

■ 231.0990, 4.0350,
-1.5410

■ 209.0310, 33.1050,
-10.7590

■ 238.5310, -5.8690,
1.7390

■ 202.3000, 42.4130,
-14.2510

■ 243.4380,
-10.0410, 0.2550

■ 194.8680, 52.3170,
-17.5310

■ 248.1340,
-12.2410, -3.9290

■ 187.5500, 61.9000,
-20.5000

■ 248.7210,
-12.5160, -4.4520

■ 180.2320, 71.4830,
-23.4690

■ 172.8000, 81.3870,
-26.7490

■ 166.0690, 90.6950,
-30.2410

■ 161.5380, 96.5640,
-31.9800

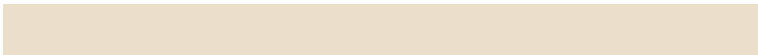
Harmonies

Analogous

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



224.7650, 19.7150, 0.6350



223.7810, 13.6180, -4.5100



222.5840, 3.8070, -8.4250

Triad

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



223.7810, 13.6180, -4.5100



220.1050, -22.4650, -5.8650



226.3310, 6.7380, 10.0500

Complementary

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



223.7810, 13.6180, -4.5100



211.2190, -13.6180, 4.5100

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.



225.1170, -4.4030, 8.2130



223.7810, 13.6180, -4.5100



221.3380, -21.5030, -1.2710

Square

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



223.7810, 13.6180, -4.5100



220.2210, -17.1000, -9.4840



223.6210, -14.8100, 4.0860



226.2950, 15.5870, 9.3710

Rectangle

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



223.7810, 13.6180, -4.5100



221.6370, -3.7120, -9.8240



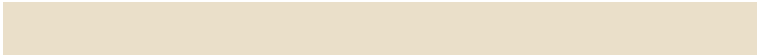
223.6210, -14.8100, 4.0860



226.0640, 3.1160, 9.6120

Sweetspot

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



223.7810, 13.6180, -4.5100



252.0990, 4.0350, -1.5410



212.2350, 15.8160, 10.7280



125.4410, 3.0720, -0.6080



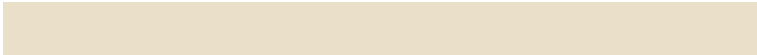
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



223.7810, 13.6180, -4.5100



241.8800, 17.6530, -6.0510



228.7430, 7.6130, -11.3230



113.3980, 4.6310, -1.3290



125.1460, 74.6010, -24.9110



37.2780, 22.2840, -7.3800

Inverse Universe

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



211.2190, -13.6180, 4.5100



225.1200, -17.6530, 6.0510



206.2570, -7.6130, 11.3230



109.0150, -4.3560, 1.8520



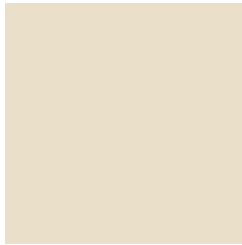
55.8540, -74.6010, 24.9110



16.7220, -22.2840, 7.3800

Previews

White Background



This preview shows how the YIQ color 223.7810, 13.6180, -4.5100 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 223.7810, 13.6180, -4.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

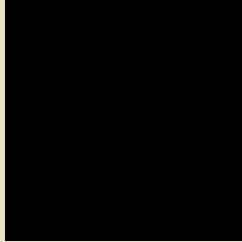
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

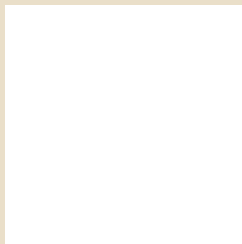
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.7810, 13.6180, -4.5100

Background



This preview shows how black text looks on a background with the YIQ color 223.7810, 13.6180, -4.5100.



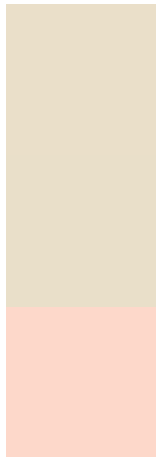
This preview shows how white text looks on a background with the YIQ color 223.7810, 13.6180,

-4.5100.

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

223.7810, 13.6180, -4.5100

Protanopia

223.4820, 13.0220, -4.7220

Deuteranopia

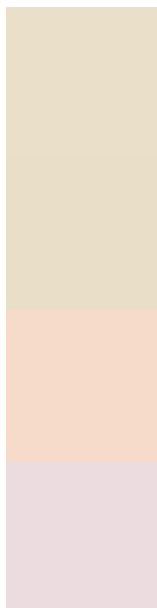
225.4670, 26.5460, 3.4900



Tritanopia

226.2170, 7.0590, 9.7390

Trichromacy



Original Color

223.7810, 13.6180, -4.5100

Protanomaly

223.4820, 13.0220, -4.7220

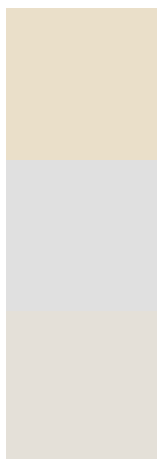
Deuteranomaly

225.1350, 21.5490, 0.4370

Tritanomaly

225.4250, 9.1690, 4.5370

Monochromacy



Original Color

223.7810, 13.6180, -4.5100

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7810, 13.6180, -4.5100 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(234, 223, 201)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 201)  
}
```

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(234, 223, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 201) }
```

Border

The CSS property to change the border of an element to YIQ 223.7810, 13.6180, -4.5100 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(234, 223, 201) }
```


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

```
.border{ border-color:rgb(234, 223, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 201);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7810, 13.6180, -4.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 201) }
```

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

```
.background{ background-color: rgb(234,  
223, 201) }
```

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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