

Converting Colors

YIQ(223.1720, 10.9590, -5.8810)

Have a look what the booklet for
YIQ(223.1720, 10.9590, -5.8810)
contains.

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Color

**YIQ(223.1720, 10.9590,
-5.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E0C9
RGB	230, 224, 201
RGB Percent	90%, 88%, 79%
CMY	0.0980, 0.1216, 0.2117
CMYK	0.00, 0.03, 0.13, 0.10
HSL	48°, 37%, 85%
HSV	48°, 13%, 90%
XYZ	69.8325, 74.3507, 65.9385
YIQ	223.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

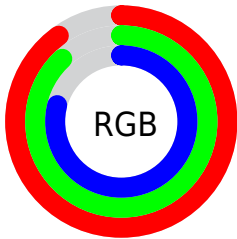
Format	Color
R_YB	209, 230, 201
Decimal	15130825
CIE Lab	89.09, -1.79, 11.98
CIE LCh	89, 12.111, 98.511
Yxy	74.3507, 0.3323, 0.3538
Android (android.graphics.Color)	4293320905 (0xFFE6E0C9)
YUV	223.1720, -10.9308, 5.9882
Hunter-Lab	86.2268, -6.3352, 15.0191

Details

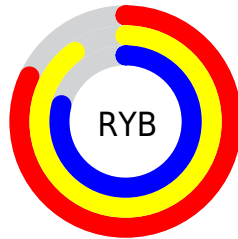
The YIQ color **223.1720, 10.9590, -5.8810** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207.8280, -10.9590, 5.8810**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.9870, 10.0420, -5.7820** is the 20% darker color. If you saturate the color by 10%, you get **217.6150, 19.7170, -10.4190**, and if you desaturate by 10%, it is **228.7290, 2.2010, -1.3430**.

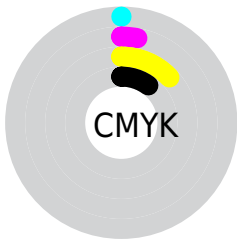
Distribution



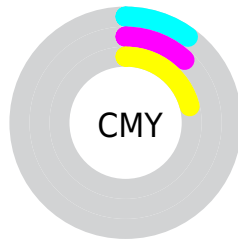
- Red (90%)
- Green (88%)
- Blue (79%)



- Red (82%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1720, 10.9590, -5.8810 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 223.1720, 10.9590, -5.8810 by changing the saturation by 10% instead.

■ 223.1720, 10.9590,
-5.8810

■ 223.1720, 10.9590,
-5.8810

255.0000, -0.0000,
-0.0000

■ 195.2860, 10.6380,
-5.5700

■ 167.9870, 10.0420,
-5.7820

■ 141.4000, 10.3170,
-5.2590

■ 116.1010, 9.7210,
-5.4710

■ 91.3290, 9.0790,
-4.8490

■ 68.0300, 8.4830,
-5.0610

■ 45.8450, 7.5660,

-4.9620

■ 24.6880, 9.4460,
-5.9940

■ 0.0000, 0.0000,
0.0000

■ 223.1720, 10.9590,
-5.8810

■ 223.1720, 10.9590,
-5.8810

■ 217.6150, 19.7170,
-10.4190

■ 228.7290, 2.2010,
-1.3430

■ 212.0580, 28.4750,
-14.9570

■ 234.2860, -6.5570,
3.1950

■ 207.0880, 36.9580,
-20.0180

■ 237.5460,
-10.2250, 3.5910

■ 201.5310, 45.7160,
-24.5560

■ 240.4810,
-11.6000, 0.9760

■ 195.9740, 54.4740,
-29.0940

■ 243.4160,
-12.9750, -1.6390

■ 190.4170, 63.2320,
-33.6320

■ 246.3510,
-14.3500, -4.2540

■ 185.4470, 71.7150,
-38.6930

■ 247.5250,
-14.9000, -5.3000

■ 179.8900, 80.4730,
-43.2310

■ 175.6040, 87.0300,
-46.4260

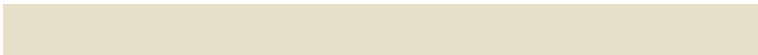
Harmonies

Analogous

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



224.3410, 17.9730, -0.8350



223.1720, 10.9590, -5.8810



222.2030, 0.5060, -9.1740

Triad

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



223.1720, 10.9590, -5.8810



220.7460, -22.8320, -4.7200



226.1850, 10.0850, 9.9650

Complementary

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



223.1720, 10.9590, -5.8810



207.8280, -10.9590, 5.8810

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.



225.4980, -1.1020, 8.9620



223.1720, 10.9590, -5.8810



221.8760, -20.0820, 0.5100

Square

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



223.1720, 10.9590, -5.8810



220.0790, -19.5760, -8.6640



224.1160, -11.8300, 5.1460



226.1380, 17.4670, 8.3390

Rectangle

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



223.1720, 10.9590, -5.8810



220.6690, -6.7380, -10.0500



224.1160, -11.8300, 5.1460



226.3310, 6.7380, 10.0500

Sweetspot

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



223.1720, 10.9590, -5.8810



252.6860, 3.7600, -2.0640



210.3550, 15.3580, 8.0140



126.0280, 2.7970, -1.1310



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.



223.1720, 10.9590, -5.8810



245.9720, 14.3980, -7.6340



224.3020, 4.5410, -10.7150



111.8710, 4.6770, -2.1630



136.8750, 67.6340, -36.3180



38.7290, 19.3960, -10.1080

Inverse Universe

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



207.8280, -10.9590, 5.8810



226.0280, -14.3980, 7.6340



206.6980, -4.5410, 10.7150



106.1290, -4.6770, 2.1630



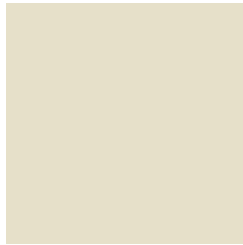
42.1250, -67.6340, 36.3180



12.2710, -19.3960, 10.1080

Previews

White Background



This preview shows how the YIQ color 223.1720, 10.9590, -5.8810 looks on a white background.

Color Contrast Check

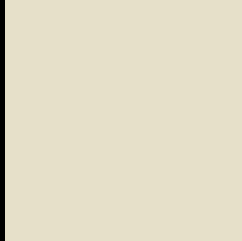
Large Text (above 18pt) WCAG AA × Fail

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 223.1720, 10.9590, -5.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

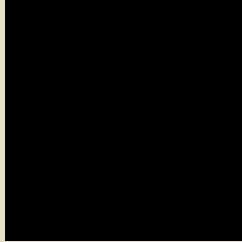
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

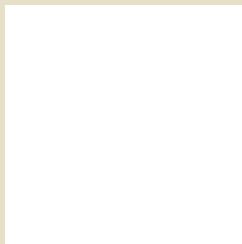
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.1720, 10.9590, -5.8810

Background



This preview shows how black text looks on a background with the YIQ color 223.1720, 10.9590, -5.8810.



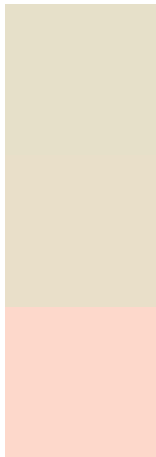
This preview shows how white text looks on a background with the YIQ color 223.1720, 10.9590, -5.8810.

-5.8810.

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

223.1720, 10.9590, -5.8810

Protanopia

223.4820, 13.0220, -4.7220

Deuteranopia

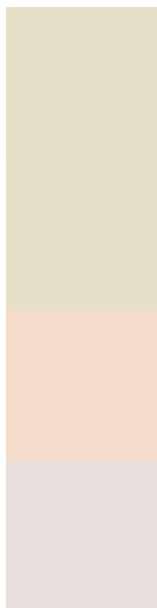
225.5810, 26.2250, 3.8010



Tritanopia

225.7220, 4.0790, 8.6790

Trichromacy



Original Color

223.1720, 10.9590, -5.8810

Protanomaly

223.1830, 12.4260, -4.9340

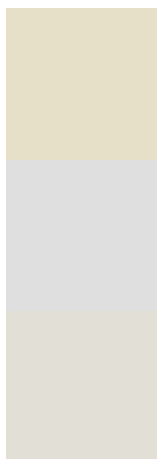
Deuteranomaly

224.8360, 20.9530, 0.2250

Tritanomaly

224.8160, 6.5100, 3.1660

Monochromacy



Original Color

223.1720, 10.9590, -5.8810

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1720, 10.9590, -5.8810 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(230, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 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(230, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 201) }
```

Border

The CSS property to change the border of an element to YIQ 223.1720, 10.9590, -5.8810 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(230, 224, 201) }
```


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

```
.border{ border-color:rgb(230, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1720, 10.9590, -5.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 201) }
```

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

```
.background{ background-color: rgb(230,  
224, 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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