

Converting Colors

YIQ(221.7890, 19.1670,
-11.4650)

Have a look what the booklet for
YIQ(221.7890, 19.1670, -11.4650)
contains.

YIQ(221.7890, 19.1670, -11.4650)	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(221.7890, 19.1670,
-11.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0B5
RGB	233, 224, 181
RGB Percent	91%, 88%, 71%
CMY	0.0863, 0.1216, 0.2901
CMYK	0.00, 0.04, 0.22, 0.09
HSL	50°, 54%, 81%
HSV	50°, 22%, 91%
XYZ	68.6018, 73.9700, 54.3930
YIQ	221.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

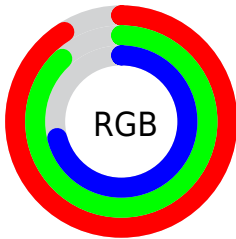
Format	Color
R_{YB}	192, 233, 181
Decimal	15327413
CIE _{Lab}	88.91, -3.68, 22.18
CIE _{LCh}	89, 22.487, 99.429
Yxy	73.9700, 0.3483, 0.3755
Android (android.graphics.Color)	4293517493 (0xFFE9E0B5)
YUV	221.7890, -20.1090, 9.8320
Hunter-Lab	86.0058, -8.1311, 22.7070

Details

The YIQ color **221.7890, 19.1670, -11.4650** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192.2110, -19.1670, 11.4650**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, 5.7780, -5.5980**, and **166.7180, 17.9290, -11.0550** is the 20% darker color. If you saturate the color by 10%, you get **216.8190, 27.6500, -16.5260**, and if you desaturate by 10%, it is **226.7590, 10.6840, -6.4040**.

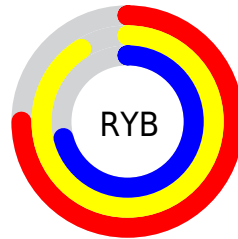
Distribution



Red (91%)

Green (88%)

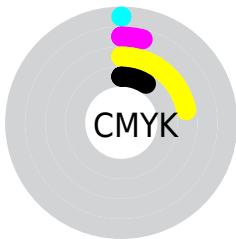
Blue (71%)



Red (75%)

Yellow (91%)

Blue (71%)

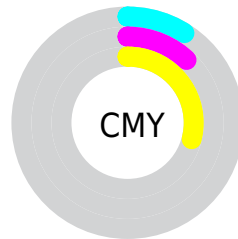


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.7890, 19.1670, -11.4650 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 221.7890, 19.1670, -11.4650 by changing the saturation by 10% instead.

■ 221.7890, 19.1670,
-11.4650

■ 221.7890, 19.1670,
-11.4650

255.0000, -0.0000,
-0.0000

■ 193.9030, 18.8460,
-11.1540

■ 252.9480, 5.7780,
-5.5980

■ 166.7180, 17.9290,
-11.0550

■ 139.9460, 17.2870,
-10.4330

■ 114.6470, 16.6910,
-10.6450

■ 89.5760, 15.4530,
-10.2350

■ 66.3910, 14.5360,
-10.1360

■ 43.7930, 13.3440,

-10.5600

■ 23.9330, 10.1340,
-7.4500

■ 0.0000, 0.0000,
0.0000

■ 221.7890, 19.1670,
-11.4650

■ 221.7890, 19.1670,
-11.4650

■ 216.8190, 27.6500,
-16.5260

■ 226.7590, 10.6840,
-6.4040

■ 211.7350, 36.4540,
-21.8980

■ 231.8430, 1.8800,
-1.0320

■ 206.7650, 44.9370,
-26.9590

■ 236.8130, -6.6030,
4.0290

■ 201.7950, 53.4200,
-32.0200

■ 239.6170, -8.9870,
3.1810

■ 196.8250, 61.9030,
-37.0810

■ 241.9650,
-10.0870, 1.0890

■ 191.7410, 70.7070,
-42.4530

■ 244.3130,
-11.1870, -1.0030

■ 186.7710, 79.1900,
-47.5140

■ 246.6610,
-12.2870, -3.0950

■ 182.9580, 85.7930,
-51.5430

■ 248.4220,
-13.1120, -4.6640

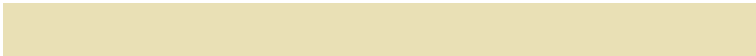
Harmonies

Analogous

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



224.0020, 32.0490, -2.6310



221.7890, 19.1670, -11.4650



219.1610, 0.3240, -16.8920

Triad

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



221.7890, 19.1670, -11.4650



215.7910, -45.0680, -9.2280



226.7610, 17.5110, 18.5590

Complementary

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



221.7890, 19.1670, -11.4650



192.2110, -19.1670, 11.4650

Split Complementary

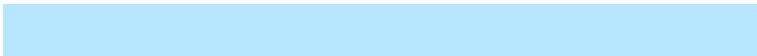
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4260, -0.5990, 16.3690



221.7890, 19.1670, -11.4650



218.4980, -36.6330, -2.4010

Square

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



221.7890, 19.1670, -11.4650



215.1690, -37.6850, -16.3810



222.1630, -19.2120, 6.7720



223.0790, 25.1230, 12.7630

Rectangle

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



221.7890, 19.1670, -11.4650



217.3920, -13.5680, -18.4320



222.1630, -19.2120, 6.7720



227.4230, 12.6510, 18.5310

Sweetspot

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



221.7890, 19.1670, -11.4650



251.1870, 6.6030, -4.0290



197.6880, 27.7820, 14.1340



125.5720, 4.0810, -2.3750



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.



221.7890, 19.1670, -11.4650



240.0900, 25.4490, -15.1830



222.2880, 7.1560, -19.5640



114.5720, 4.0810, -2.3750



142.1690, 66.6260, -40.0780



41.9740, 20.0840, -11.5640

Inverse Universe

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



192.2110, -19.1670, 11.4650



200.9100, -25.4490, 15.1830



191.7120, -7.1560, 19.5640



108.4280, -4.0810, 2.3750



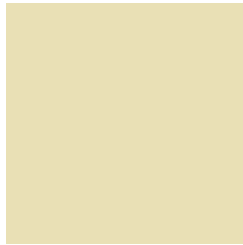
38.8310, -66.6260, 40.0780



11.4390, -19.8090, 12.0870

Previews

White Background



This preview shows how the YIQ color 221.7890, 19.1670, -11.4650 looks on a white background.

Color Contrast Check

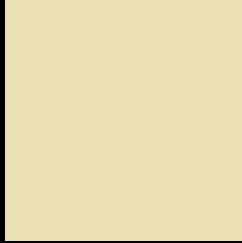
Large Text (above 18pt) WCAG AA × Fail

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 221.7890, 19.1670, -11.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

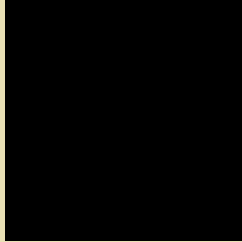
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.7890, 19.1670, -11.4650

Background



This preview shows how black text looks on a background with the YIQ color 221.7890, 19.1670, -11.4650.



This preview shows how white text looks on a background with the YIQ color 221.7890, 19.1670, -11.4650.

-11.4650.

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

221.7890, 19.1670, -11.4650

Protanopia

222.2840, 22.1470, -10.4050

Deuteranopia

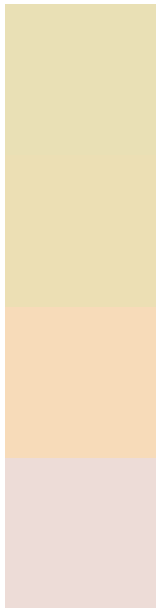
224.4690, 32.2320, -0.4400



Tritanopia

225.8150, 8.2510, 10.1630

Trichromacy



Original Color

221.7890, 19.1670, -11.4650

Protanomaly

221.9850, 21.5510, -10.6170

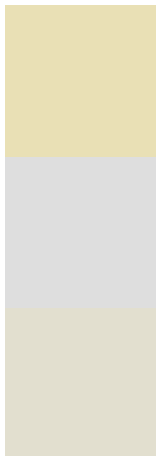
Deuteranomaly

223.4960, 27.6020, -4.6380

Tritanomaly

224.5130, 11.7370, 2.0490

Monochromacy



Original Color

221.7890, 19.1670, -11.4650

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.7890, 19.1670, -11.4650 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(233, 224, 181)` looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 181)  
}
```

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(233, 224, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 181) }
```

Border

The CSS property to change the border of an element to YIQ 221.7890, 19.1670, -11.4650 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(233, 224, 181) }
```


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

```
.border{ border-color:rgb(233, 224, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 224, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 224, 181); box-shadow:4px 4px 4px 4px rgb(233, 224, 181) }
```

Background

The CSS property to change the background color of an element to YIQ 221.7890, 19.1670, -11.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 181) }
```

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

```
.background{ background-color: rgb(233,  
224, 181) }
```

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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