

Converting Colors

YIQ(220.8780, 11.9670, -2.1210)

Have a look what the booklet for
YIQ(220.8780, 11.9670, -2.1210)
contains.

YIQ(220.8780, 11.9670, -2.1210)	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(220.8780, 11.9670,
-2.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBCC
RGB	231, 219, 204
RGB Percent	91%, 86%, 80%
CMY	0.0941, 0.1412, 0.1999
CMYK	0.00, 0.05, 0.12, 0.09
HSL	33°, 36%, 85%
HSV	33°, 12%, 91%
XYZ	69.1877, 72.0105, 67.3891
YIQ	220.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

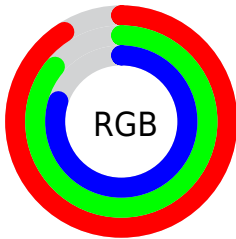
Format	Color
R _Y B	226, 231, 204
Decimal	15195084
CIE Lab	87.97, 1.62, 8.82
CIE LCh	88, 8.971, 79.611
Yxy	72.0105, 0.3317, 0.3452
Android (android.graphics.Color)	4293385164 (0xFFE7DBCC)
YUV	220.8780, -8.3209, 8.8770
Hunter-Lab	84.8590, -2.9677, 12.3173

Details

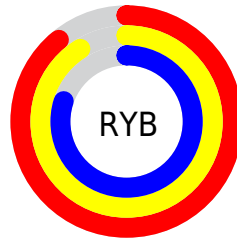
The YIQ color $220.8780, 11.9670, -2.1210$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.1220, -11.9670, 2.1210$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.6930, 11.0500, -2.0220$ is the 20% darker color. If you saturate the color by 10%, you get $212.3860, 22.1000, -4.0440$, and if you desaturate by 10%, it is $229.3700, 1.8340, -0.1980$.

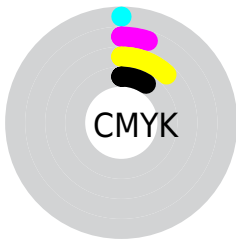
Distribution



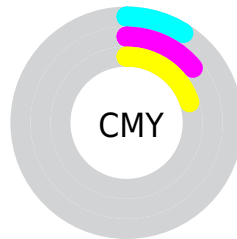
- Red (91%)
- Green (86%)
- Blue (80%)



- Red (89%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8780, 11.9670, -2.1210 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 220.8780, 11.9670, -2.1210 by changing the saturation by 10% instead.

■ 220.8780, 11.9670,
-2.1210

■ 220.8780, 11.9670,
-2.1210

255.0000, -0.0000,
-0.0000

■ 192.9920, 11.6460,
-1.8100

■ 165.6930, 11.0500,
-2.0220

■ 139.6930, 11.0500,
-2.0220

■ 113.8070, 10.7290,
-1.7110

■ 89.5080, 10.1330,
-1.9230

■ 66.3230, 9.2160,
-1.8240

■ 44.0240, 8.6200,

-2.0360

■ 22.7960, 9.2620,
-2.6580

■ 0.0000, 0.0000,
0.0000

■ 220.8780, 11.9670,
-2.1210

■ 220.8780, 11.9670,
-2.1210

■ 212.3860, 22.1000,
-4.0440

■ 229.3700, 1.8340,
-0.1980

■ 203.3070, 32.5080,
-5.4440

■ 238.4490, -8.5740,
1.2020

■ 194.8150, 42.6410,
-7.3670

■ 244.8890,
-12.9290, -2.4730

■ 186.3230, 52.7740,
-9.2900

■ 247.8240,
-14.3040, -5.0880

■ 177.8310, 62.9070,
-11.2130

■ 168.6380, 73.6360,
-12.9240

■ 160.1460, 83.7690,
-14.8470

■ 151.6540, 93.9020,
-16.7700

■ 144.2050,
102.4760, -17.9720

Harmonies

Analogous

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



221.9540, 14.8090, 1.4410



220.8780, 11.9670, -2.1210



220.0620, 5.4570, -5.2870

Triad

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



220.8780, 11.9670, -2.1210



218.2260, -15.4960, -5.5120



222.2980, 2.3370, 7.2090

Complementary

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



220.8780, 11.9670, -2.1210



214.1220, -11.9670, 2.1210

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.



221.0520, -5.7780, 5.5980



220.8780, 11.9670, -2.1210



219.0350, -16.2760, -2.3880

Square

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



220.8780, 11.9670, -2.1210



218.3960, -10.2230, -7.4630



219.8230, -12.5630, 1.9090



222.6040, 10.2230, 7.4630

Rectangle

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



220.8780, 11.9670, -2.1210



218.7840, 0.3680, -6.6720



219.8230, -12.5630, 1.9090



222.2160, -0.3680, 6.6720

Sweetspot

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



220.8780, 11.9670, -2.1210



250.9250, 4.5850, -0.4950



213.4410, 12.2400, 9.4560



125.4410, 3.0720, -0.6080



0.0000, 0.0000, 0.0000



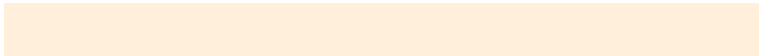
128.0000, -0.0000, -0.0000

Same Dimension

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



220.8780, 11.9670, -2.1210



241.5040, 15.9560, -2.8280



227.6230, 8.0710, -8.6090



110.6970, 5.2270, -1.1170



111.6340, 79.4590, -13.8290



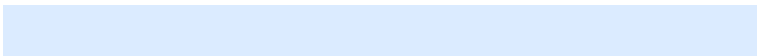
31.6850, 22.6960, -3.8320

Inverse Universe

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



214.1220, -11.9670, 2.1210



232.4960, -15.9560, 2.8280



207.3770, -8.0710, 8.6090



107.3030, -5.2270, 1.1170



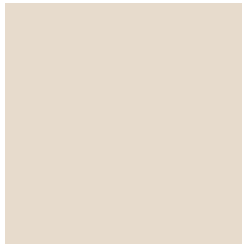
66.7790, -79.1840, 14.3520



19.3150, -22.6960, 3.8320

Previews

White Background



This preview shows how the YIQ color 220.8780, 11.9670, -2.1210 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 220.8780, 11.9670, -2.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

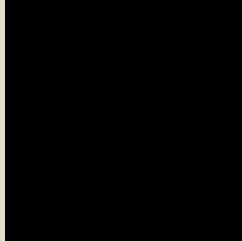
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.8780, 11.9670, -2.1210

Background



This preview shows how black text looks on a background with the YIQ color 220.8780, 11.9670, -2.1210.



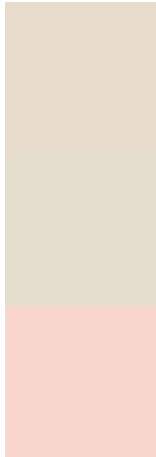
This preview shows how white text looks on a background with the YIQ color 220.8780, 11.9670,

-2.1210.

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

220.8780, 11.9670, -2.1210

Protanopia

220.5680, 9.9040, -3.2800

Deuteranopia

222.5530, 23.4280, 4.9320



Tritanopia

222.9180, 6.4630, 9.5270

Trichromacy



Original Color

220.8780, 11.9670, -2.1210

Protanomaly

220.8670, 10.5000, -3.0680

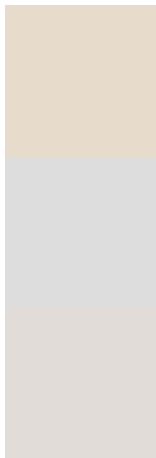
Deuteranomaly

221.9330, 19.3020, 2.6140

Tritanomaly

222.0660, 8.8020, 5.6820

Monochromacy



Original Color

220.8780, 11.9670, -2.1210

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8780, 11.9670, -2.1210 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(231, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 204)  
}
```

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(231, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 204) }
```

Border

The CSS property to change the border of an element to YIQ 220.8780, 11.9670, -2.1210 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(231, 219, 204) }
```


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

```
.border{ border-color:rgb(231, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8780, 11.9670, -2.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 204) }
```

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

```
.background{ background-color: rgb(231,  
219, 204) }
```

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