

Converting Colors

YIQ(221.9020, 11.4190,
-14.2210)

Have a look what the booklet for
YIQ(221.9020, 11.4190, -14.2210)
contains.

YIQ(221.9020, 11.4190, -14.2210)	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(221.9020, 11.4190,
-14.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E4B9
RGB	224, 228, 185
RGB Percent	88%, 89%, 73%
CMY	0.1216, 0.1059, 0.2744
CMYK	0.02, 0.00, 0.19, 0.11
HSL	66°, 44%, 81%
HSV	66°, 19%, 89%
XYZ	67.2405, 74.8371, 56.8111
YIQ	221.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

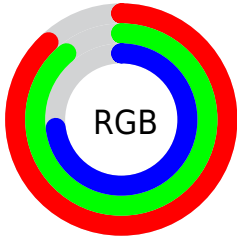
Format	Color
RYB	185, 228, 189
Decimal	14738617
CIELab	89.32, -8.43, 20.57
CIELCh	89, 22.231, 112.287
Yxy	74.8371, 0.3381, 0.3763
Android (android.graphics.Color)	4292928697 (0xFFE0E4B9)
YUV	221.9020, -18.1927, 1.8399
Hunter-Lab	86.5084, -12.6469, 21.6195

Details

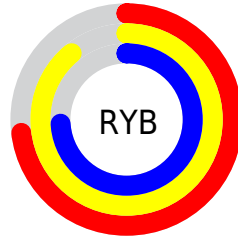
The YIQ color $221.9020, 11.4190, -14.2210$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $191.0980, -11.4190, 14.2210$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $166.8310, 10.1810, -13.8110$ is the 20% darker color. If you saturate the color by 10%, you get $218.6820, 17.6100, -21.7980$, and if you desaturate by 10%, it is $225.1220, 5.2280, -6.6440$.

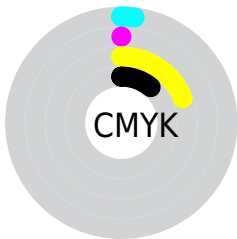
Distribution



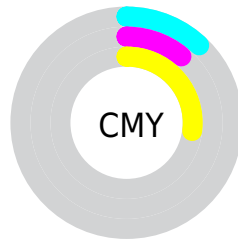
- Red (88%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9020, 11.4190, -14.2210 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 221.9020, 11.4190, -14.2210 by changing the saturation by 10% instead.

■ 221.9020, 11.4190,
-14.2210

■ 221.9020, 11.4190,
-14.2210

255.0000, -0.0000,
-0.0000

■ 194.0160, 11.0980,
-13.9100

■ 253.4040, 4.4940,
-4.3540

■ 166.8310, 10.1810,
-13.8110

■ 140.2440, 10.4560,
-13.2880

■ 114.4720, 9.8140,
-12.6660

■ 90.2870, 8.8970,
-12.5670

■ 66.4010, 8.5760,
-12.2560

■ 44.2160, 7.6590,

-12.1570

■ 24.1990, 6.3290,
-10.0790

■ 0.0000, 0.0000,
0.0000

■ 221.9020, 11.4190,
-14.2210

■ 221.9020, 11.4190,
-14.2210

■ 218.6820, 17.6100,
-21.7980

■ 225.1220, 5.2280,
-6.6440

■ 215.4620, 23.8010,
-29.3750

■ 228.3420, -0.9630,
0.9330

■ 212.3560, 29.6710,
-36.6410

■ 231.4480, -6.8330,
8.1990

■ 208.8370, 35.2660,
-44.4300

■ 232.5730, -5.6870,
9.4570

■ 205.6170, 41.4570,
-52.0070

■ 233.1710, -4.4950,
9.8810

■ 202.3970, 47.6480,
-59.5840

■ 233.7690, -3.3030,
10.3050

■ 199.1770, 53.8390,
-67.1610

■ 234.3670, -2.1110,
10.7290

■ 196.0710, 59.7090,
-74.4270

■ 234.9650, -0.9190,
11.1530

■ 195.7290, 60.6720,
-75.3600

■ 235.5630, 0.2730,
11.5770

Harmonies

Analogous

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



224.1430, 27.0980, -6.5180



221.9020, 11.4190, -14.2210



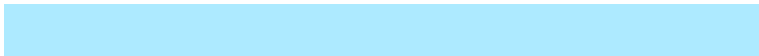
219.1430, -8.4330, -17.8810

Triad

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



221.9020, 11.4190, -14.2210



218.1550, -43.0970, -6.4010



225.8490, 20.0790, 16.0710

Complementary

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



221.9020, 11.4190, -14.2210



191.0980, -11.4190, 14.2210

Split Complementary

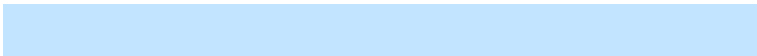
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.0850, 7.7910, 18.5030



221.9020, 11.4190, -14.2210



220.9120, -28.9310, 1.1890

Square

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



221.9020, 11.4190, -14.2210



216.7110, -42.0870, -13.6950



224.8760, -10.9140, 10.5740



223.3410, 27.1410, 9.2290

Rectangle

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



221.9020, 11.4190, -14.2210



217.9010, -22.3710, -18.5870



224.8760, -10.9140, 10.5740



227.2340, 17.5570, 17.7250

Sweetspot

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



221.9020, 11.4190, -14.2210



252.9910, 4.2190, -4.8770



200.2050, 24.5280, 7.0240



126.6750, 2.2930, -3.0110



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.



221.9020, 11.4190, -14.2210



246.7790, 15.9590, -19.4090



215.6230, -1.0970, -18.6730



113.3330, 3.2560, -3.9440



153.5110, 47.3270, -59.2730



43.6910, 13.3910, -16.9210

Inverse Universe

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



191.0980, -11.4190, 14.2210



204.5200, -15.3630, 19.6210



197.3770, 1.0970, 18.6730



104.6670, -3.2560, 3.9440



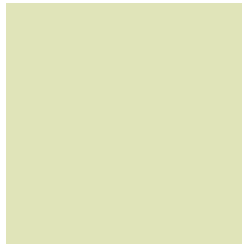
25.4890, -47.3270, 59.2730



7.3090, -13.3910, 16.9210

Previews

White Background



This preview shows how the YIQ color 221.9020, 11.4190, -14.2210 looks on a white background.

Color Contrast Check

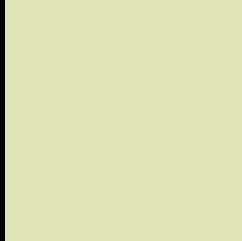
Large Text (above 18pt) WCAG AA × Fail

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 221.9020, 11.4190, -14.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

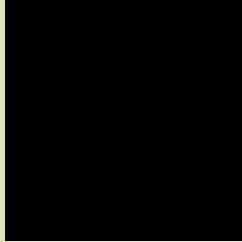
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

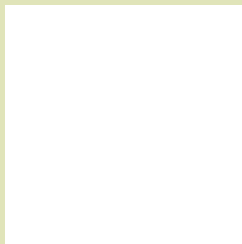
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.9020, 11.4190, -14.2210

Background



This preview shows how black text looks on a background with the YIQ color 221.9020, 11.4190, -14.2210.



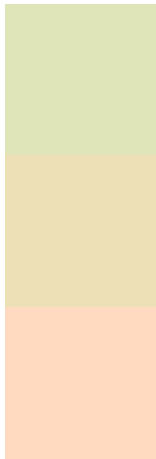
This preview shows how white text looks on a background with the YIQ color 221.9020, 11.4190,

-14.2210.

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

221.9020, 11.4190, -14.2210

Protanopia

223.2130, 20.9090, -9.9950

Deuteranopia

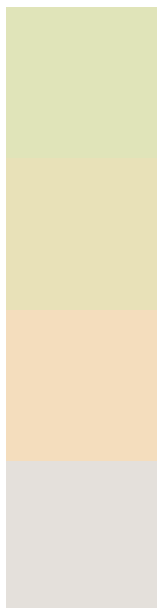
225.5120, 30.6730, 0.2810



Tritanopia

225.9280, 0.5030, 7.4070

Trichromacy



Original Color

221.9020, 11.4190, -14.2210

Protanomaly

222.4190, 17.3330, -11.2670

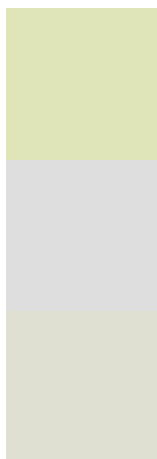
Deuteranomaly

224.2290, 23.9800, -5.0760

Tritanomaly

224.6260, 3.9890, -0.7070

Monochromacy



Original Color

221.9020, 11.4190, -14.2210

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9910, 4.2190, -4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9020, 11.4190, -14.2210 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(224, 228, 185)` looks like.

```
.text, #text, p{  
    color:rgb(224, 228, 185)  
}
```

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(224, 228, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 228, 185) }
```

Border

The CSS property to change the border of an element to YIQ 221.9020, 11.4190, -14.2210 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(224, 228, 185) }
```


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

```
.border{ border-color:rgb(224, 228, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 228, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 228, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 228, 185);  
box-shadow:4px 4px 4px 4px rgb(224, 228,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9020, 11.4190, -14.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 228, 185) }
```

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

```
.background{ background-color: rgb(224,  
228, 185) }
```

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