

Converting Colors

YIQ(221.5470, 14.3970, -2.1070)

Have a look what the booklet for
YIQ(221.5470, 14.3970, -2.1070)
contains.

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Color

**YIQ(221.5470, 14.3970,
-2.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBCA
RGB	234, 219, 202
RGB Percent	92%, 86%, 79%
CMY	0.0823, 0.1412, 0.2078
CMYK	0.00, 0.06, 0.14, 0.08
HSL	32°, 43%, 85%
HSV	32°, 14%, 92%
XYZ	69.9264, 72.4183, 66.1809
YIQ	221.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

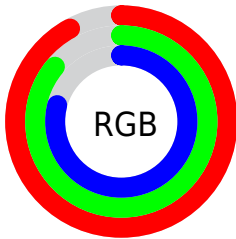
Format	Color
R _Y B	230, 234, 202
Decimal	15391690
CIE Lab	88.17, 2.37, 10.19
CIE LCh	88, 10.459, 76.911
Yxy	72.4183, 0.3353, 0.3473
Android (android.graphics.Color)	4293581770 (0xFFEADBCA)
YUV	221.5470, -9.6367, 10.9213
Hunter-Lab	85.0990, -2.2485, 13.4599

Details

The YIQ color **221.5470, 14.3970, -2.1070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214.4530, -14.3970, 2.1070**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.3620, 13.4800, -2.0080** is the 20% darker color. If you saturate the color by 10%, you get **212.4680, 24.8050, -3.5070**, and if you desaturate by 10%, it is **230.6260, 3.9890, -0.7070**.

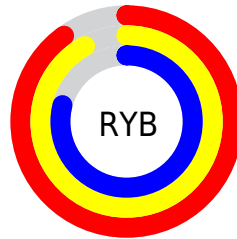
Distribution



Red (92%)

Green (86%)

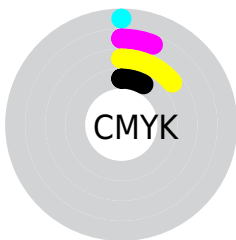
Blue (79%)



Red (90%)

Yellow (92%)

Blue (79%)

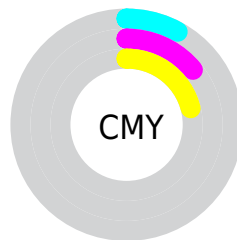


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5470, 14.3970, -2.1070 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 221.5470, 14.3970, -2.1070 by changing the saturation by 10% instead.

■ 221.5470, 14.3970,
-2.1070

■ 221.5470, 14.3970,
-2.1070

255.0000, -0.0000,
-0.0000

■ 193.6610, 14.0760,
-1.7960

■ 166.3620, 13.4800,
-2.0080

■ 140.0630, 12.8840,
-2.2200

■ 114.1770, 12.5630,
-1.9090

■ 89.9920, 11.6460,
-1.8100

■ 66.6930, 11.0500,
-2.0220

■ 44.5080, 10.1330,

-1.9230

■ 23.0520, 11.4170,
-3.1670

■ 0.0000, 0.0000,
0.0000

■ 221.5470, 14.3970,
-2.1070

■ 221.5470, 14.3970,
-2.1070

■ 212.4680, 24.8050,
-3.5070

■ 230.6260, 3.9890,
-0.7070

■ 203.2750, 35.5340,
-5.2180

■ 239.8190, -6.7400,
1.0040

■ 194.1960, 45.9420,
-6.6180

■ 246.9600,
-11.6910, -2.8830

■ 185.0030, 56.6710,
-8.3290

■ 248.7210,
-12.5160, -4.4520

■ 175.9240, 67.0790,
-9.7290

■ 166.8450, 77.4870,
-11.1290

■ 157.6520, 88.2160,
-12.8400

■ 148.5730, 98.6240,
-14.2400

■ 142.7540,
105.3640, -15.2440

Harmonies

Analogous

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



222.4490, 17.7890, 2.5010



221.5470, 14.3970, -2.1070



220.0190, 7.0160, -6.0080

Triad

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



221.5470, 14.3970, -2.1070



218.0300, -17.8800, -6.3600



222.9390, 1.9700, 8.3540

Complementary

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



221.5470, 14.3970, -2.1070



214.4530, -14.3970, 2.1070

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.



221.6820, -7.6120, 5.7960



221.5470, 14.3970, -2.1070



218.6540, -19.5770, -3.1370

Square

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



221.5470, 14.3970, -2.1070



218.2710, -11.3690, -8.7210



219.8550, -15.5890, 1.6830



223.4300, 10.7730, 8.5090

Rectangle

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



221.5470, 14.3970, -2.1070



219.4420, 1.3310, -7.6050



219.8550, -15.5890, 1.6830



222.5580, -1.3310, 7.6050

Sweetspot

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



221.5470, 14.3970, -2.1070



250.9250, 4.5850, -0.4950



213.2780, 14.2570, 11.4490



125.4410, 3.0720, -0.6080



0.0000, 0.0000, 0.0000



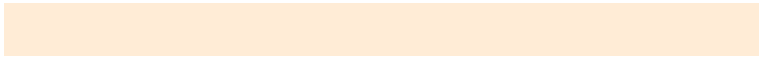
128.0000, -0.0000, -0.0000

Same Dimension

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



221.5470, 14.3970, -2.1070



239.1730, 18.3860, -2.8140



230.0530, 9.6760, -10.1640



112.8110, 4.9060, -0.8060



110.4710, 81.4760, -11.8360



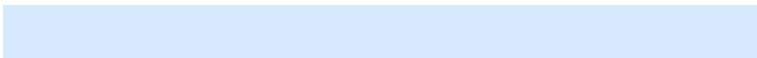
32.5820, 24.4840, -3.1960

Inverse Universe

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



214.4530, -14.3970, 2.1070



229.8270, -18.3860, 2.8140



205.9470, -9.6760, 10.1640



110.1890, -4.9060, 0.8060



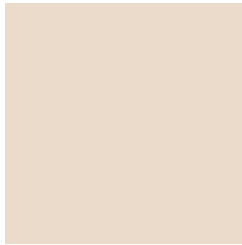
70.5290, -81.4760, 11.8360



20.8310, -24.2090, 3.7190

Previews

White Background



This preview shows how the YIQ color 221.5470, 14.3970, -2.1070 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 221.5470, 14.3970, -2.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

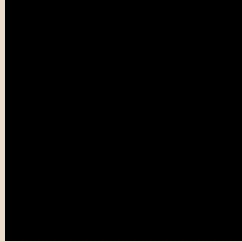
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.5470, 14.3970, -2.1070

Background



This preview shows how black text looks on a background with the YIQ color 221.5470, 14.3970, -2.1070.



This preview shows how white text looks on a background with the YIQ color 221.5470, 14.3970,

-2.1070.

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

221.5470, 14.3970, -2.1070

Protanopia

220.7530, 10.8210, -3.3790

Deuteranopia

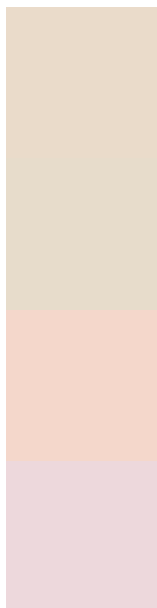
222.6240, 24.6660, 4.5220



Tritanopia

223.7010, 8.5720, 9.8520

Trichromacy



Original Color

221.5470, 14.3970, -2.1070

Protanomaly

221.3510, 12.0130, -2.9550

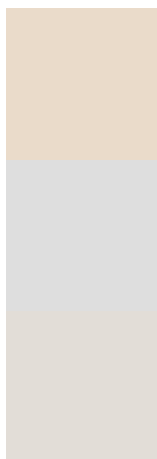
Deuteranomaly

222.3030, 21.1360, 2.4160

Tritanomaly

222.7350, 11.2320, 5.6960

Monochromacy



Original Color

221.5470, 14.3970, -2.1070

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8110, 4.9060, -0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5470, 14.3970, -2.1070 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, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 202)  
}
```

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, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 202) }
```

Border

The CSS property to change the border of an element to YIQ 221.5470, 14.3970, -2.1070 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, 219, 202) }
```


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

```
.border{ border-color:rgb(234, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5470, 14.3970, -2.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 202) }
```

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

```
.background{ background-color: rgb(234,  
219, 202) }
```

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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