

Converting Colors

YIQ(221.9760, 8.5750, -6.7290)

Have a look what the booklet for
YIQ(221.9760, 8.5750, -6.7290)
contains.

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Color

**YIQ(221.9760, 8.5750,
-6.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0C9
RGB	226, 224, 201
RGB Percent	89%, 88%, 79%
CMY	0.1137, 0.1216, 0.2117
CMYK	0.00, 0.01, 0.11, 0.11
HSL	55°, 30%, 84%
HSV	55°, 11%, 89%
XYZ	68.5628, 73.6968, 65.8778
YIQ	221.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

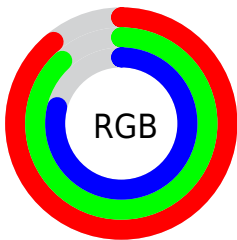
Format	Color
RYB	203, 226, 201
Decimal	14868681
CIELab	88.78, -3.21, 11.50
CIELCh	89, 11.937, 105.609
Yxy	73.6968, 0.3294, 0.3541
Android (android.graphics.Color)	4293058761 (0xFFE2E0C9)
YUV	221.9760, -10.3412, 3.5290
Hunter-Lab	85.8469, -7.6704, 14.5944

Details

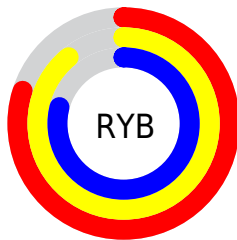
The YIQ color **221.9760, 8.5750, -6.7290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.0240, -8.5750, 6.7290**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.0900, 8.2540, -6.4180** is the 20% darker color. If you saturate the color by 10%, you get **218.1800, 16.5080, -12.8360**, and if you desaturate by 10%, it is **225.7720, 0.6420, -0.6220**.

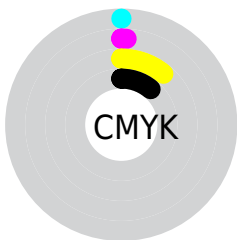
Distribution



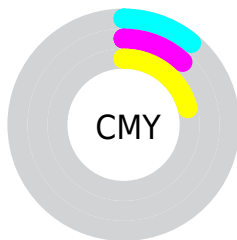
- Red (89%)
- Green (88%)
- Blue (79%)



- Red (80%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9760, 8.5750, -6.7290 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 221.9760, 8.5750, -6.7290 by changing the saturation by 10% instead.

■ 221.9760, 8.5750,
-6.7290

■ 221.9760, 8.5750,
-6.7290

255.0000, -0.0000,
-0.0000

■ 194.0900, 8.2540,
-6.4180

■ 167.0900, 8.2540,
-6.4180

■ 140.2040, 7.9330,
-6.1070

■ 114.9050, 7.3370,
-6.3190

■ 90.1330, 6.6950,
-5.6970

■ 67.1330, 6.6950,
-5.6970

■ 44.9480, 5.7780,

-5.5980

■ 23.7910, 7.6580,
-6.6300

■ 0.0000, 0.0000,
0.0000

■ 221.9760, 8.5750,
-6.7290

■ 221.9760, 8.5750,
-6.7290

■ 218.1800, 16.5080,
-12.8360

■ 225.7720, 0.6420,
-0.6220

■ 214.4980, 24.1200,
-18.6320

■ 229.4540, -6.9700,
5.1740

■ 211.2890, 31.7780,
-25.2620

■ 231.0670,
-10.1340, 7.4500

■ 207.6070, 39.3900,
-31.0580

■ 232.2410,
-10.6840, 6.4040

■ 203.8110, 47.3230,
-37.1650

■ 233.4150,
-11.2340, 5.3580

■ 200.0150, 55.2560,
-43.2720

■ 234.5890,
-11.7840, 4.3120

■ 196.3330, 62.8680,
-49.0680

■ 235.7630,
-12.3340, 3.2660

■ 193.1240, 70.5260,
-55.6980

■ 236.3500,
-12.6090, 2.7430

■ 189.6700, 77.4960,
-60.8720

■ 237.5240,
-13.1590, 1.6970

Harmonies

Analogous

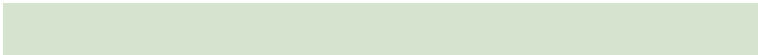
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.2160, 16.8270, -2.0930



221.9760, 8.5750, -6.7290



220.5340, -1.9240, -9.1880

Triad

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



221.9760, 8.5750, -6.7290



219.6860, -22.6030, -3.3630



225.5550, 11.9190, 9.7670

Complementary

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



221.9760, 8.5750, -6.7290



205.0240, -8.5750, 6.7290

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.



224.5800, 1.6030, 9.4990



221.9760, 8.5750, -6.7290



221.8870, -18.6150, 1.4570

Square

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



221.9760, 8.5750, -6.7290



219.4210, -20.5390, -7.7310



223.4260, -9.7670, 6.3050



225.0950, 19.0260, 7.6180

Rectangle

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



221.9760, 8.5750, -6.7290



220.0000, -9.1680, -10.0640



223.4260, -9.7670, 6.3050



225.1140, 8.8470, 10.3750

Sweetspot

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



221.9760, 8.5750, -6.7290



253.5010, 2.8430, -1.9650



208.7030, 14.2580, 5.9220



126.7290, 2.2010, -1.3430



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.



221.9760, 8.5750, -6.7290



249.4770, 11.4180, -8.6940



220.1600, 2.0650, -9.8950



110.1590, 3.8060, -2.8980



147.7180, 60.3460, -47.4140



40.7670, 16.2330, -13.3590

Inverse Universe

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



205.0240, -8.5750, 6.7290



226.9360, -11.1430, 9.2170



206.8400, -2.0650, 9.8950



102.8410, -3.8060, 2.8980



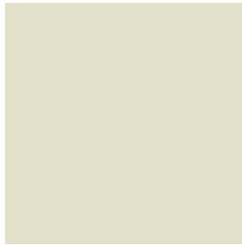
28.2820, -60.3460, 47.4140



7.8200, -16.5080, 12.8360

Previews

White Background



This preview shows how the YIQ color 221.9760, 8.5750, -6.7290 looks on a white background.

Color Contrast Check

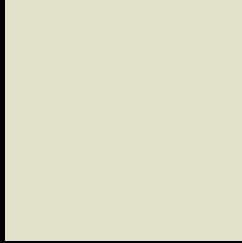
Large Text (above 18pt) WCAG AA × Fail

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 221.9760, 8.5750, -6.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

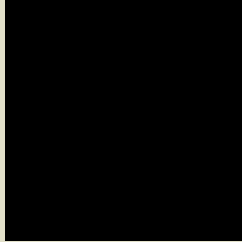
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

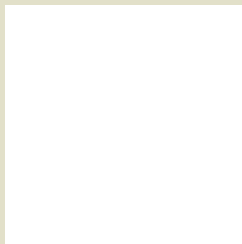
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.9760, 8.5750, -6.7290

Background



This preview shows how black text looks on a background with the YIQ color 221.9760, 8.5750, -6.7290.



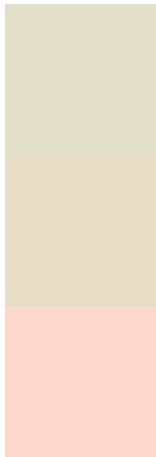
This preview shows how white text looks on a background with the YIQ color 221.9760, 8.5750,

-6.7290.

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

221.9760, 8.5750, -6.7290

Protanopia

222.4820, 13.0220, -4.7220

Deuteranopia

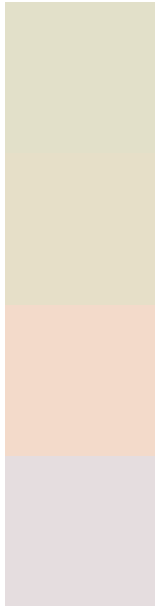
224.6950, 25.9040, 4.1120



Tritanopia

224.5260, 1.6950, 7.8310

Trichromacy



Original Color

221.9760, 8.5750, -6.7290

Protanomaly

222.4710, 11.5550, -5.6690

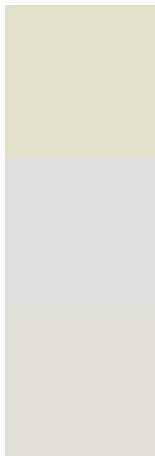
Deuteranomaly

223.6510, 20.0360, 0.3240

Tritanomaly

223.6200, 4.1260, 2.3180

Monochromacy



Original Color

221.9760, 8.5750, -6.7290

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9740, 2.8890, -2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9760, 8.5750, -6.7290 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(226, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 201) }
```

Border

The CSS property to change the border of an element to YIQ 221.9760, 8.5750, -6.7290 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(226, 224, 201) }
```


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

```
.border{ border-color:rgb(226, 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(226, 224, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9760, 8.5750, -6.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 201) }
```

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

```
.background{ background-color: rgb(226,  
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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