

Converting Colors

YIQ(221.2150, 0.2320, -15.2240)

Have a look what the booklet for
YIQ(221.2150, 0.2320, -15.2240)
contains.

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Color

**YIQ(221.2150, 0.2320,
-15.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E7C3
RGB	212, 231, 195
RGB Percent	83%, 91%, 76%
CMY	0.1687, 0.0941, 0.2353
CMYK	0.08, 0.00, 0.16, 0.09
HSL	92°, 43%, 84%
HSV	92°, 16%, 91%
XYZ	65.5757, 75.0912, 62.6720
YIQ	221.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

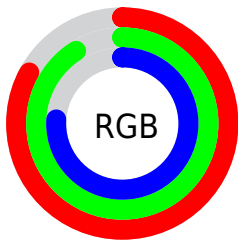
Format	Color
RYB	195, 231, 214
Decimal	13952963
CIELab	89.44, -12.65, 15.42
CIElCh	89, 19.945, 129.370
Yxy	75.0912, 0.3225, 0.3693
Android (android.graphics.Color)	4292143043 (0xFFD4E7C3)
YUV	221.2150, -12.9240, -8.0816
Hunter-Lab	86.6552, -16.5680, 17.7781

Details

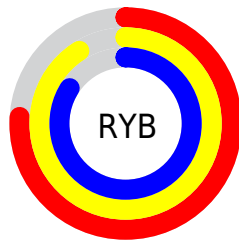
The YIQ color $221.2150, 0.2320, -15.2240$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $204.7850, -0.2320, 15.2240$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $165.7420, 0.1860, -14.3900$ is the 20% darker color. If you saturate the color by 10%, you get $215.0050, 0.4630, -24.9210$, and if you desaturate by 10%, it is $227.4250, 0.0010, -5.5270$.

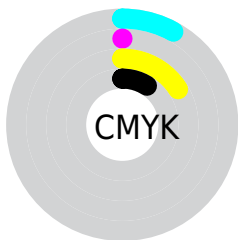
Distribution



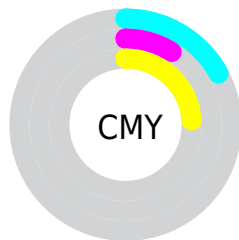
- Red (83%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.2150, 0.2320, -15.2240 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 221.2150, 0.2320, -15.2240 by changing the saturation by 10% instead.

■ 221.2150, 0.2320,
-15.2240

■ 221.2150, 0.2320,
-15.2240

255.0000, -0.0000,
-0.0000

■ 193.3290, -0.0890,
-14.9130

254.6580, 0.9630,
-0.9330

■ 165.7420, 0.1860,
-14.3900

■ 139.8560, -0.1350,
-14.0790

■ 114.2690, 0.1400,
-13.5560

■ 89.3830, -0.1810,
-13.2450

■ 65.9100, -0.2270,
-12.4110

■ 44.0240, -0.5480,

-12.1000

■ 22.6930, 1.8820,
-12.0860

■ 0.0000, 0.0000,
0.0000

■ 221.2150, 0.2320,
-15.2240

■ 221.2150, 0.2320,
-15.2240

■ 215.0050, 0.4630,
-24.9210

■ 227.4250, 0.0010,
-5.5270

■ 208.7950, 0.6940,
-34.6180

■ 233.6350, -0.2300,
4.1700

■ 202.2860, 0.3290,
-44.5270

■ 239.1180, 3.0240,
11.2800

■ 196.0760, 0.5600,
-54.2240

■ 240.9120, 6.6000,
12.5520

■ 189.8660, 0.7910,
-63.9210

■ 183.5420, 1.3430,
-73.9290

■ 177.3320, 1.5740,
-83.6260

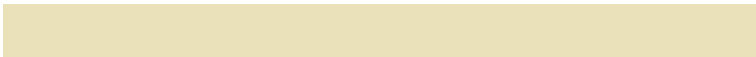
■ 170.8230, 1.2090,
-93.5350

■ 168.1880, 1.4390,
-97.7050

Harmonies

Analogous

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



223.3590, 17.5620, -9.9100



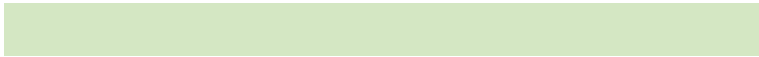
221.2150, 0.2320, -15.2240



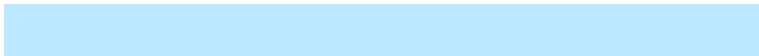
219.1080, -18.5200, -16.7920

Triad

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



221.2150, 0.2320, -15.2240



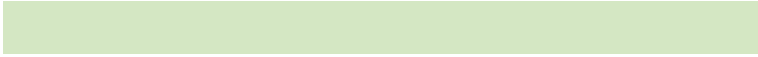
220.5910, -32.4610, -0.9170



225.6550, 23.3810, 11.2930

Complementary

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



221.2150, 0.2320, -15.2240



204.7850, -0.2320, 15.2240

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.



228.5220, 16.6860, 16.9900



221.2150, 0.2320, -15.2240



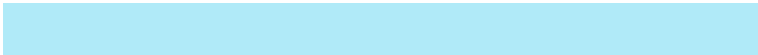
223.6470, -17.6990, 6.8850

Square

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



221.2150, 0.2320, -15.2240



218.2540, -39.0620, -7.9420



227.4860, -0.8280, 15.0120



224.7770, 28.6090, 4.6490

Rectangle

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



221.2150, 0.2320, -15.2240



218.1870, -28.9280, -15.3920



227.4860, -0.8280, 15.0120



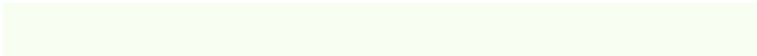
226.4530, 21.1340, 13.4700

Sweetspot

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



221.2150, 0.2320, -15.2240



251.4250, 0.0010, -5.5270



216.9170, 16.2310, -2.3050



125.5930, -0.4120, -3.5480



0.0000, 0.0000, 0.0000



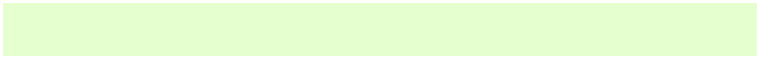
128.0000, -0.0000, -0.0000

Same Dimension

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



221.2150, 0.2320, -15.2240



241.7540, -0.0880, -20.4400



216.2460, -10.2210, -18.5170



111.8380, 0.2760, -5.0040



130.1890, 0.8390, -75.8090



37.1130, 0.2790, -21.5850

Inverse Universe

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



204.7850, -0.2320, 15.2240



219.9470, -0.5080, 20.2280



209.7540, 10.2210, 18.5170



106.1620, -0.2760, 5.0040



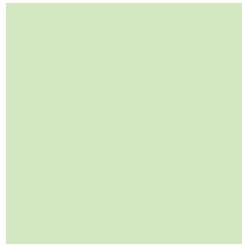
48.5120, -1.4350, 75.5970



13.8870, -0.2790, 21.5850

Previews

White Background



This preview shows how the YIQ color 221.2150, 0.2320, -15.2240 looks on a white background.

Color Contrast Check

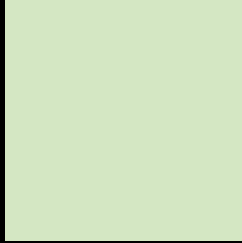
Large Text (above 18pt) WCAG AA × Fail

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 221.2150, 0.2320, -15.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

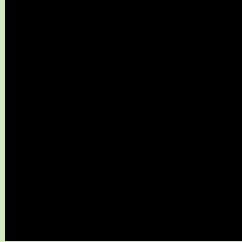
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

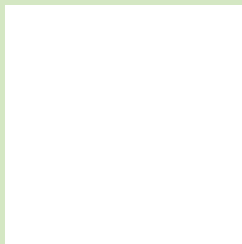
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.2150, 0.2320, -15.2240

Background



This preview shows how black text looks on a background with the YIQ color 221.2150, 0.2320, -15.2240.



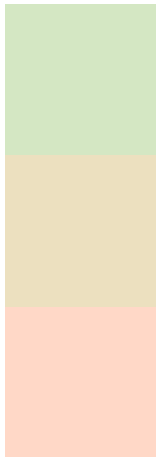
This preview shows how white text looks on a background with the YIQ color 221.2150, 0.2320,

-15.2240.

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**

221.2150, 0.2320, -15.2240

Protanopia

223.8260, 17.7450, -7.7190

Deuteranopia

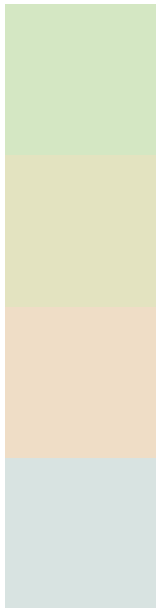
225.7230, 28.7010, 2.9810



Tritanopia

224.5570, -8.7580, 4.5380

Trichromacy



Original Color

221.2150, 0.2320, -15.2240

Protanomaly

223.0100, 11.2350, -10.8850

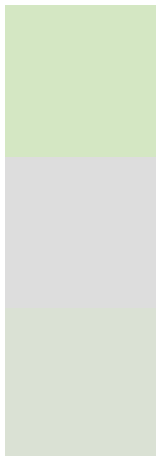
Deuteranomaly

223.7600, 18.1110, -3.3370

Tritanomaly

223.4830, -5.9140, -2.9540

Monochromacy



Original Color

221.2150, 0.2320, -15.2240

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.4250, 0.0010, -5.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2150, 0.2320, -15.2240 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(212, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 231, 195)  
}
```

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(212, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 231, 195) }
```

Border

The CSS property to change the border of an element to YIQ 221.2150, 0.2320, -15.2240 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(212, 231, 195) }
```


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

```
.border{ border-color:rgb(212, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 231,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2150, 0.2320, -15.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 231, 195) }
```

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

```
.background{ background-color: rgb(212,  
231, 195) }
```

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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