

Converting Colors

YIQ(222.0560, -3.5740,
-12.3260)

Have a look what the booklet for
YIQ(222.0560, -3.5740, -12.3260)
contains.

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Color

**YIQ(222.0560, -3.5740,
-12.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E7CD
RGB	211, 231, 205
RGB Percent	83%, 91%, 80%
CMY	0.1726, 0.0941, 0.1961
CMYK	0.09, 0.00, 0.11, 0.09
HSL	106°, 35%, 85%
HSV	106°, 11%, 91%
XYZ	66.4572, 75.4108, 68.8116
YIQ	222.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

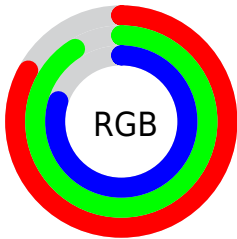
Format	Color
R_{YB}	205, 231, 225
Decimal	13887437
CIE _{Lab}	89.59, -11.32, 10.41
CIE _{LCh}	90, 15.383, 137.405
Yxy	75.4108, 0.3154, 0.3579
Android (android.graphics.Color)	4292077517 (0xFFD3E7CD)
YUV	222.0560, -8.4086, -9.6961
Hunter-Lab	86.8394, -15.3650, 13.8061

Details

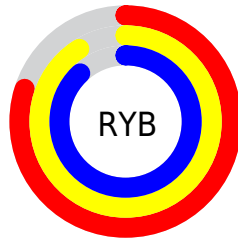
The YIQ color $222.0560, -3.5740, -12.3260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.9440, 3.5740, 12.3260$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.5830, -3.6200, -11.4920$ is the 20% darker color. If you saturate the color by 10%, you get $214.0520, -6.9190, -23.2950$, and if you desaturate by 10%, it is $230.0600, -0.2290, -1.3570$.

Distribution



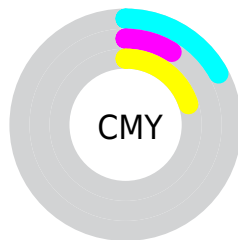
- Red (83%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.0560, -3.5740, -12.3260 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 222.0560, -3.5740, -12.3260 by changing the saturation by 10% instead.

■ 222.0560, -3.5740,
-12.3260

■ 222.0560, -3.5740,
-12.3260

255.0000, -0.0000,
-0.0000

■ 194.1700, -3.8950,
-12.0150

■ 166.5830, -3.6200,
-11.4920

■ 140.5830, -3.6200,
-11.4920

■ 114.9960, -3.3450,
-10.9690

■ 90.4090, -3.0700,
-10.4460

■ 66.8220, -2.7950,
-9.9230

■ 44.9360, -3.1160,

-9.6120

■ 23.4200, -1.6030,
-9.4990

■ 0.0000, 0.0000,
0.0000

■ 222.0560, -3.5740,
-12.3260

■ 222.0560, -3.5740,
-12.3260

■ 214.0520, -6.9190,
-23.2950

■ 230.0600, -0.2290,
-1.3570

■ 206.0480,
-10.2640, -34.2640

■ 238.0640, 3.1160,
9.6120

■ 198.3430,
-13.0130, -45.0210

■ 240.9120, 6.6000,
12.5520

■ 190.3390,
-16.3580, -55.9900

■ 182.2210,
-19.3820, -67.2700

■ 174.2170,
-22.7270, -78.2390

■ 166.2130,
-26.0720, -89.2080

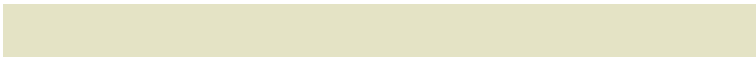
■ 158.5080,
-28.8210, -99.9650

■ 151.4440,
-31.9370, -109.5770

Harmonies

Analogous

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



223.8790, 10.2260, -9.1180



222.0560, -3.5740, -12.3260



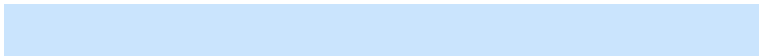
220.2270, -17.2370, -12.5090

Triad

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



222.0560, -3.5740, -12.3260



223.0760, -23.5210, 2.2630



227.1880, 23.1980, 9.1020

Complementary

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



222.0560, -3.5740, -12.3260



213.9440, 3.5740, 12.3260

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.



228.2890, 15.7240, 12.3960



222.0560, -3.5740, -12.3260



226.1100, -11.6930, 8.1710

Square

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



222.0560, -3.5740, -12.3260



221.0380, -29.5260, -4.5500



227.6450, 2.9780, 12.1140



227.1680, 25.9500, 3.2780

Rectangle

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



222.0560, -3.5740, -12.3260



220.1600, -24.2980, -11.1940



227.6450, 2.9780, 12.1140



227.7580, 21.5930, 10.6570

Sweetspot

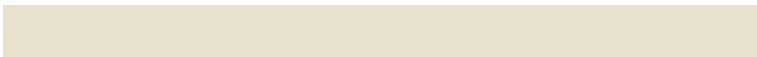
The Sweet Spot groups the original color and five complimentary colors.



222.0560, -3.5740, -12.3260



252.2940, -1.0080, -3.7600



224.5140, 9.9960, -4.9480



126.1200, -0.4580, -2.7140



0.0000, 0.0000, 0.0000



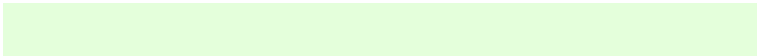
128.0000, -0.0000, -0.0000

Same Dimension

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



222.0560, -3.5740, -12.3260



242.8230, -4.5360, -16.9200



221.0600, -9.3970, -11.4210



110.9410, -1.5120, -5.6400



117.3320, -24.7890, -84.9250



33.5250, -6.8730, -24.1290

Inverse Universe

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



213.9440, 3.5740, 12.3260



231.4760, 5.1320, 17.1320



214.9400, 9.3970, 11.4210



107.0590, 1.5120, 5.6400



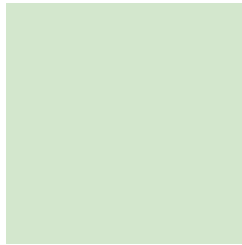
61.3690, 24.1930, 84.7130



17.4750, 6.8730, 24.1290

Previews

White Background



This preview shows how the YIQ color 222.0560, -3.5740, -12.3260 looks on a white background.

Color Contrast Check

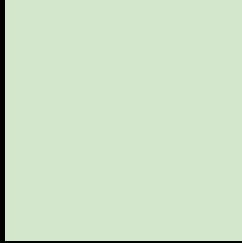
Large Text (above 18pt) WCAG AA × Fail

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 222.0560, -3.5740, -12.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

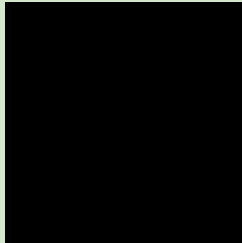
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

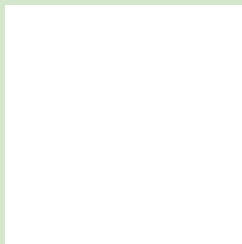
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.0560, -3.5740, -12.3260

Background



This preview shows how black text looks on a background with the YIQ color 222.0560, -3.5740, -12.3260.



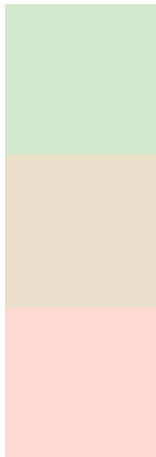
This preview shows how white text looks on a background with the YIQ color 222.0560, -3.5740,

-12.3260.

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**

222.0560, -3.5740, -12.3260

Protanopia

224.3680, 13.3430, -5.0330

Deuteranopia

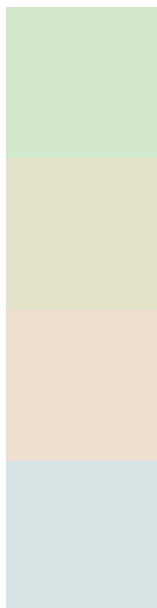
226.7380, 24.3450, 4.8330



Tritanopia

224.6600, -10.5460, 3.9020

Trichromacy



Original Color

222.0560, -3.5740, -12.3260

Protanomaly

223.8510, 7.4290, -7.9870

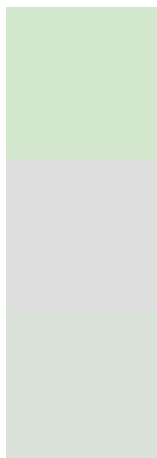
Deuteranomaly

225.0740, 14.3510, -1.2730

Tritanomaly

223.6400, -7.7940, -1.9220

Monochromacy



Original Color

222.0560, -3.5740, -12.3260

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8810, -1.2830, -4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0560, -3.5740, -12.3260 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(211, 231, 205)` looks like.

```
.text, #text, p{  
    color:rgb(211, 231, 205)  
}
```

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(211, 231, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 231, 205) }
```

Border

The CSS property to change the border of an element to YIQ 222.0560, -3.5740, -12.3260 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(211, 231, 205) }
```


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

```
.border{ border-color:rgb(211, 231, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 231, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 231, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 231, 205); box-shadow:4px 4px 4px 4px rgb(211, 231, 205) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0560, -3.5740, -12.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 231, 205) }
```

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

```
.background{ background-color: rgb(211,  
231, 205) }
```

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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