

Converting Colors

YIQ(220.6310, -3.5750, -6.7990)

Have a look what the booklet for
YIQ(220.6310, -3.5750, -6.7990)
contains.

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Color

**YIQ(220.6310, -3.5750,
-6.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E2D5
RGB	213, 226, 213
RGB Percent	84%, 89%, 84%
CMY	0.1647, 0.1137, 0.1647
CMYK	0.06, 0.00, 0.06, 0.11
HSL	120°, 18%, 86%
HSV	120°, 6%, 89%
XYZ	66.6456, 73.3444, 73.5944
YIQ	220.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

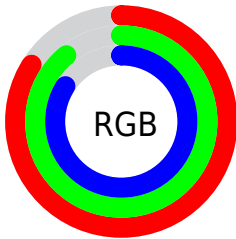
Format	Color
R_{YB}	213, 226, 226
Decimal	14017237
CIE Lab	88.61, -6.71, 4.85
CIE LCh	89, 8.277, 144.164
Yxy	73.3444, 0.3120, 0.3434
Android (android.graphics.Color)	4292207317 (0xFFD5E2D5)
YUV	220.6310, -3.7621, -6.6924
Hunter-Lab	85.6413, -10.9645, 8.9991

Details

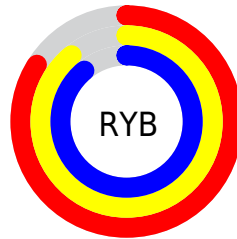
The YIQ color $220.6310, -3.5750, -6.7990$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $218.3690, 3.5750, 6.7990$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.6310, -3.5750, -6.7990$ is the 20% darker color. If you saturate the color by 10%, you get $211.1320, -9.9000, -18.8280$, and if you desaturate by 10%, it is $230.1300, 2.7500, 5.2300$.

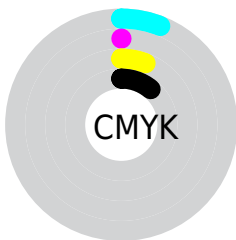
Distribution



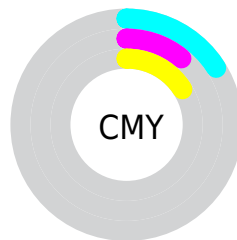
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.6310, -3.5750, -6.7990 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 220.6310, -3.5750, -6.7990 by changing the saturation by 10% instead.

■ 220.6310, -3.5750,
-6.7990

■ 220.6310, -3.5750,
-6.7990

255.0000, -0.0000,
-0.0000

■ 192.6310, -3.5750,
-6.7990

■ 165.6310, -3.5750,
-6.7990

■ 139.0440, -3.3000,
-6.2760

■ 114.0440, -3.3000,
-6.2760

■ 89.4570, -3.0250,
-5.7530

■ 65.8700, -2.7500,
-5.2300

■ 43.8700, -2.7500,

-5.2300

■ 23.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 220.6310, -3.5750,
-6.7990

■ 220.6310, -3.5750,
-6.7990

■ 211.1320, -9.9000,
-18.8280

■ 230.1300, 2.7500,
5.2300

■ 202.0460,
-15.9500, -30.3340

■ 237.9770, 7.9750,
15.1670

■ 192.5470,
-22.2750, -42.3630

■ 183.4610,
-28.3250, -53.8690

■ 173.9620,
-34.6500, -65.8980

■ 164.4630,
-40.9750, -77.9270

■ 155.3770,
-47.0250, -89.4330

■ 145.8780,
-53.3500, -101.4620

■ 136.7920,
-59.4000, -112.9680

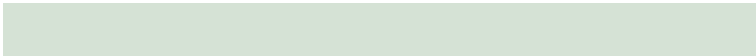
Harmonies

Analogous

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



221.5780, 3.9440, -5.4000



220.6310, -3.5750, -6.7990



220.0370, -10.5900, -6.3180

Triad

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



220.6310, -3.5750, -6.7990



222.3070, -11.0500, 2.0220



223.7630, 14.0290, 4.5650

Complementary

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



220.6310, -3.5750, -6.7990



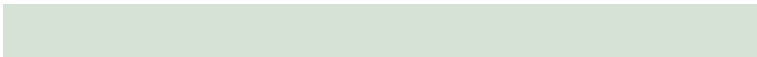
218.3690, 3.5750, 6.7990

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.



224.0770, 10.2690, 6.6290



220.6310, -3.5750, -6.7990



223.1230, -4.5400, 5.1880

Square

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



220.6310, -3.5750, -6.7990



221.0460, -14.8090, -1.4410



224.0700, 2.9790, 6.5870



223.3560, 13.6170, 1.0170

Rectangle

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



220.6310, -3.5750, -6.7990



220.0090, -13.3870, -5.1870



224.0700, 2.9790, 6.5870



224.1050, 13.0660, 5.4980

Sweetspot

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



220.6310, -3.5750, -6.7990



252.9350, -1.3750, -2.6150



224.5180, 4.1730, -4.0430



126.7610, -0.8250, -1.5690



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.



220.6310, -3.5750, -6.7990



247.5660, -4.9500, -9.4140



221.4290, -5.8220, -4.6220



108.2830, -2.4750, -4.7070



103.3120, -48.4000, -92.0480



28.1760, -13.2000, -25.1040

Inverse Universe

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



218.3690, 3.5750, 6.7990



244.4340, 4.9500, 9.4140



217.6850, 5.5010, 4.9330



106.7170, 2.4750, 4.7070



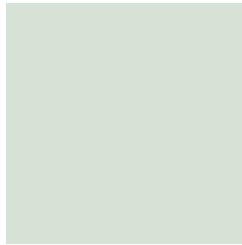
72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 220.6310, -3.5750, -6.7990 looks on a white background.

Color Contrast Check

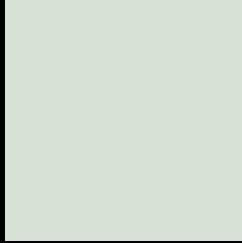
Large Text (above 18pt) WCAG AA × Fail

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 220.6310, -3.5750, -6.7990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

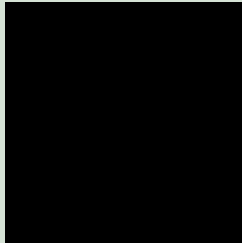
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

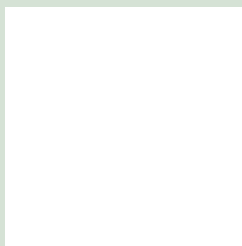
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.6310, -3.5750, -6.7990

Background



This preview shows how black text looks on a background with the YIQ color 220.6310, -3.5750, -6.7990.



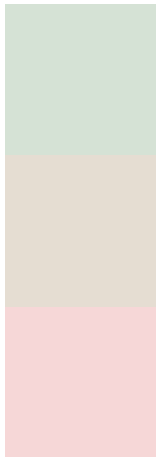
This preview shows how white text looks on a background with the YIQ color 220.6310, -3.5750,

-6.7990.

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
Protanopia
Deuteranopia

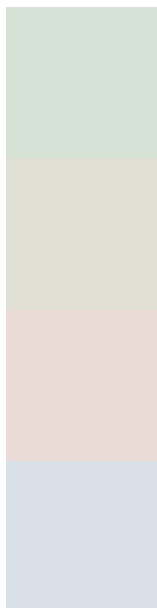
220.6310, -3.5750, -6.7990
222.1380, 8.2990, -1.7250
224.2690, 18.4760, 6.5720



Tritanopia

222.5570, -8.7580, 4.5380

Trichromacy



Original Color

220.6310, -3.5750, -6.7990

Protanomaly

221.6320, 3.8520, -3.7320

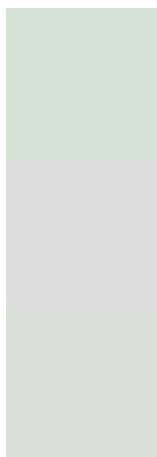
Deuteranomaly

222.9150, 10.5450, 1.6250

Tritanomaly

221.7050, -6.4190, 0.6930

Monochromacy



Original Color

220.6310, -3.5750, -6.7990

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9350, -1.3750, -2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.6310, -3.5750, -6.7990 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(213, 226, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 213)  
}
```

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(213, 226, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 213) }
```

Border

The CSS property to change the border of an element to YIQ 220.6310, -3.5750, -6.7990 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(213, 226, 213) }
```


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

```
.border{ border-color:rgb(213, 226, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 220.6310, -3.5750, -6.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 213) }
```

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

```
.background{ background-color: rgb(213,  
226, 213) }
```

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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