

Converting Colors

YIQ(230.6210, -6.7830,
-14.7430)

Have a look what the booklet for
YIQ(230.6210, -6.7830, -14.7430)
contains.

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Color

**YIQ(230.6210, -6.7830,
-14.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F2D5
RGB	215, 242, 213
RGB Percent	84%, 95%, 84%
CMY	0.1569, 0.0509, 0.1647
CMYK	0.11, 0.00, 0.12, 0.05
HSL	116°, 53%, 89%
HSV	116°, 12%, 95%
XYZ	71.7838, 82.7589, 75.1407
YIQ	230.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

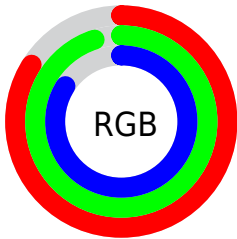
Format	Color
R_{YB}	213, 242, 240
Decimal	14152405
CIE _{Lab}	92.91, -14.10, 11.03
CIE _{LCh}	93, 17.902, 141.951
Yxy	82.7589, 0.3125, 0.3603
Android (android.graphics.Color)	4292342485 (0xFFD7F2D5)
YUV	230.6210, -8.6872, -13.6996
Hunter-Lab	90.9719, -18.3508, 14.7082

Details

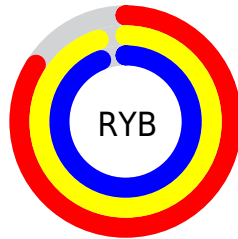
The YIQ color $230.6210, -6.7830, -14.7430$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $224.3790, 6.7830, 14.7430$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.0340, -6.5080, -14.2200$ is the 20% darker color. If you saturate the color by 10%, you get $221.0080, -12.7870, -27.0830$, and if you desaturate by 10%, it is $240.2340, -0.7790, -2.4030$.

Distribution



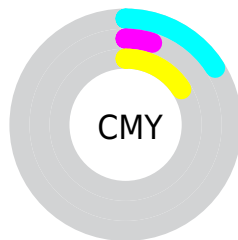
- Red (84%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (16%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.6210, -6.7830, -14.7430 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 230.6210, -6.7830, -14.7430 by changing the saturation by 10% instead.

 230.6210, -6.7830,
-14.7430


 230.6210, -6.7830,
-14.7430


255.0000, -0.0000,
-0.0000


 202.6210, -6.7830,
-14.7430

 175.0340, -6.5080,
-14.2200

 148.4470, -6.2330,
-13.6970

 122.5610, -6.5540,
-13.3860

 97.3870, -6.0040,
-12.3400

 73.5010, -6.3250,
-12.0290

 50.9140, -6.0500,

-11.5060

■ 29.3270, -5.7750,
-10.9830

■ 10.5660, -4.9500,
-9.4140

■ 230.6210, -6.7830,
-14.7430

■ 230.6210, -6.7830,
-14.7430

■ 221.0080,
-12.7870, -27.0830

■ 240.2340, -0.7790,
-2.4030

■ 211.6940,
-18.1950, -39.2110

■ 247.3690, 3.5750,
6.7990

■ 201.9670,
-23.8780, -51.8620

■ 192.6530,
-29.2860, -63.9900

■ 183.0400,
-35.2900, -76.3300

■ 173.7260,
-40.6980, -88.4580

■ 164.1130,
-46.7020, -100.7980

■ 154.6850,
-51.7890, -113.2370

■ 147.1370,
-56.4180, -122.9620

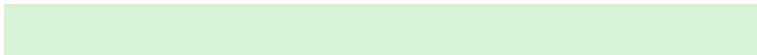
Harmonies

Analogous

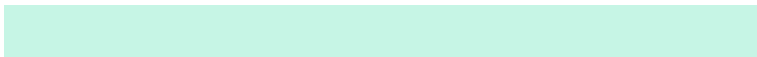
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5260, 9.7220, -10.9980



230.6210, -6.7830, -14.7430



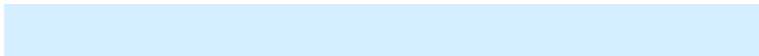
229.1230, -22.8760, -14.9400

Triad

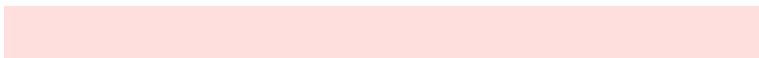
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6210, -6.7830, -14.7430



231.5660, -22.1450, -0.6490



232.4540, 19.3930, 6.4730

Complementary

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



230.6210, -6.7830, -14.7430



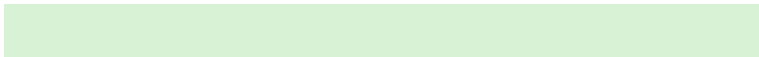
224.3790, 6.7830, 14.7430

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.



234.5060, 13.6150, 12.0710



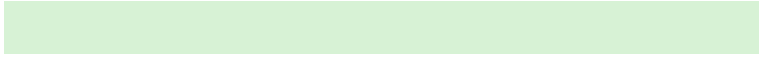
230.6210, -6.7830, -14.7430



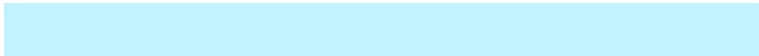
234.6220, -7.3830, 7.1530

Square

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



230.6210, -6.7830, -14.7430



229.4290, -32.1850, -5.9210



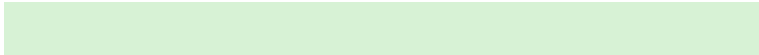
237.3790, 6.7830, 14.7430



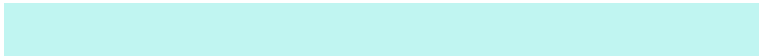
233.2060, 22.7870, 0.0270

Rectangle

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



230.6210, -6.7830, -14.7430



228.6970, -30.3040, -12.4800



237.3790, 6.7830, 14.7430



233.1380, 17.4670, 8.3390

Sweetspot

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



230.6210, -6.7830, -14.7430



250.8700, -2.7500, -5.2300



237.5200, 9.8590, -7.9730



125.4080, -1.3290, -3.4490



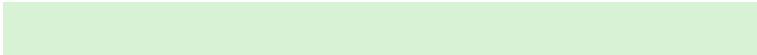
0.0000, 0.0000, 0.0000



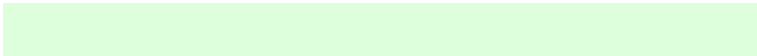
128.0000, -0.0000, -0.0000

Same Dimension

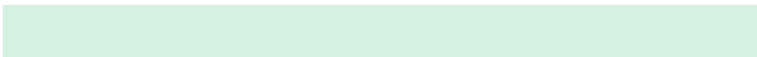
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6210, -6.7830, -14.7430



241.0290, -8.1120, -18.1920



231.3910, -11.8270, -11.4350



115.3430, -2.7040, -6.0640



111.8950, -42.8520, -93.4760



34.0680, -13.0160, -28.4400

Inverse Universe

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



224.3790, 6.7830, 14.7430



233.2700, 8.7080, 18.4040



223.6090, 11.8270, 11.4350



112.6570, 2.7040, 6.0640



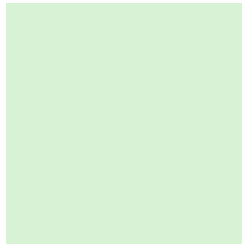
72.1050, 42.8520, 93.4760



21.9320, 13.0160, 28.4400

Previews

White Background



This preview shows how the YIQ color 230.6210, -6.7830, -14.7430 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 230.6210, -6.7830, -14.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

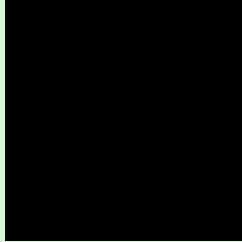
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

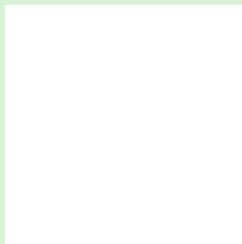
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.6210, -6.7830, -14.7430

Background



This preview shows how black text looks on a background with the YIQ color 230.6210, -6.7830, -14.7430.



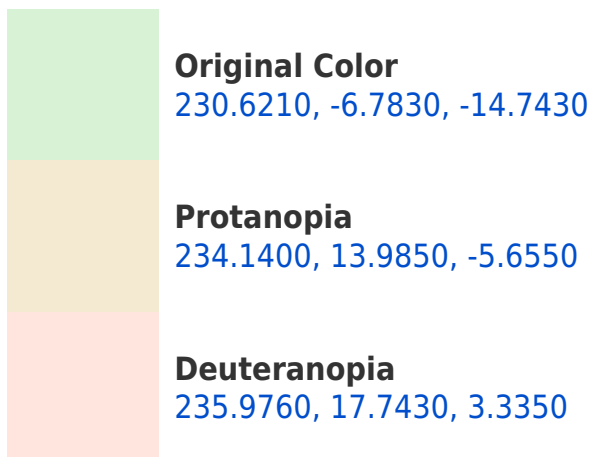
This preview shows how white text looks on a background with the YIQ color 230.6210, -6.7830, -14.7430.

-14.7430.

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

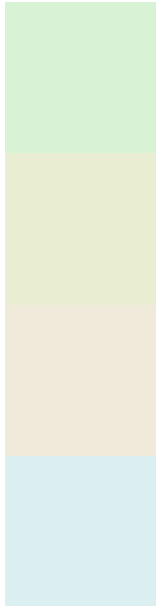




Tritanopia

233.9800, -14.4430, 2.9410

Trichromacy



Original Color

230.6210, -6.7830, -14.7430

Protanomaly

232.7260, 6.2830, -9.2450

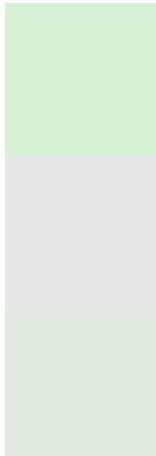
Deuteranomaly

234.0840, 8.3910, -3.3930

Tritanomaly

232.5470, -11.9660, -3.4060

Monochromacy



Original Color

230.6210, -6.7830, -14.7430

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.7560, -2.4290, -5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6210, -6.7830, -14.7430 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(215, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 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(215, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 213) }
```

Border

The CSS property to change the border of an element to YIQ 230.6210, -6.7830, -14.7430 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(215, 242, 213) }
```


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

```
.border{ border-color:rgb(215, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6210, -6.7830, -14.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 213) }
```

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

```
.background{ background-color: rgb(215,  
242, 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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