

Converting Colors

YIQ(230.5890, -12.9250,
-24.5810)

Have a look what the booklet for
YIQ(230.5890, -12.9250, -24.5810)
contains.

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Color

**YIQ(230.5890, -12.9250,
-24.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFACB
RGB	203, 250, 203
RGB Percent	80%, 98%, 80%
CMY	0.2041, 0.0195, 0.2039
CMYK	0.19, 0.00, 0.19, 0.02
HSL	120°, 83%, 89%
HSV	120°, 19%, 98%
XYZ	69.5896, 85.3865, 69.3110
YIQ	230.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

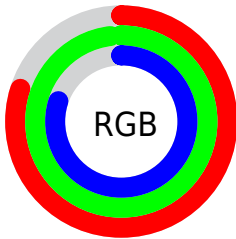
Format	Color
R_{YB}	203, 250, 250
Decimal	13368011
CIE _{Lab}	94.05, -23.70, 17.69
CIE _{LCh}	94, 29.578, 143.257
Yxy	85.3865, 0.3103, 0.3807
Android (android.graphics.Color)	4291558091 (0xFFC _B FAC _B)
YUV	230.5890, -13.6014, -24.1956
Hunter-Lab	92.4048, -27.2811, 20.2111

Details

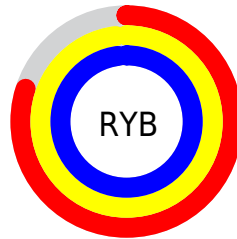
The YIQ color **230.5890, -12.9250, -24.5810** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **222.4110, 12.9250, 24.5810**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.5290, -12.6960, -23.2240** is the 20% darker color. If you saturate the color by 10%, you get **220.2640, -19.8000, -37.6560**, and if you desaturate by 10%, it is **240.9140, -6.0500, -11.5060**.

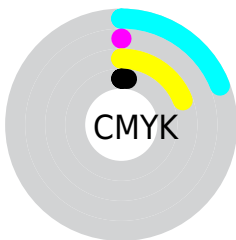
Distribution



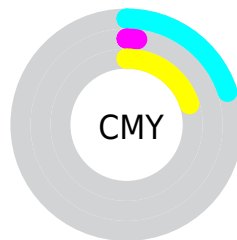
- Red (80%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.5890, -12.9250, -24.5810 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 230.5890, -12.9250, -24.5810 by changing the saturation by 10% instead.

■ 230.5890,
-12.9250, -24.5810

■ 230.5890,
-12.9250, -24.5810

255.0000, -0.0000,
-0.0000

■ 202.1160,
-12.9710, -23.7470

■ 174.5290,
-12.6960, -23.2240

■ 147.9420,
-12.4210, -22.7010

■ 122.0560,
-12.7420, -22.3900

■ 96.8820, -12.1920,
-21.3440

■ 72.4090, -12.2380,
-20.5100

■ 48.6370, -12.8800,

-19.8880

■ 26.2240, -13.1550,
-20.4110

■ 13.5010, -6.3250,
-12.0290

■ 230.5890,
-12.9250, -24.5810

■ 230.5890,
-12.9250, -24.5810

■ 220.2640,
-19.8000, -37.6560

■ 240.9140, -6.0500,
-11.5060

■ 209.9390,
-26.6750, -50.7310

■ 251.2390, 0.8250,
1.5690

■ 199.6140,
-33.5500, -63.8060

■ 252.0650, 1.3750,
2.6150

■ 189.2890,
-40.4250, -76.8810

■ 178.9640,
-47.3000, -89.9560

■ 168.6390,
-54.1750, -103.0310

■ 158.3140,
-61.0500, -116.1060

■ 147.9890,
-67.9250, -129.1810

■ 146.7500,
-68.7500, -130.7500

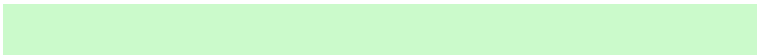
Harmonies

Analogous

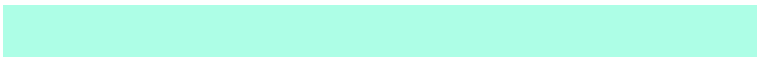
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2950, 14.4460, -19.5220



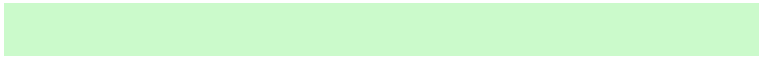
230.5890, -12.9250, -24.5810



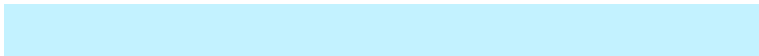
227.0450, -40.5720, -24.6360

Triad

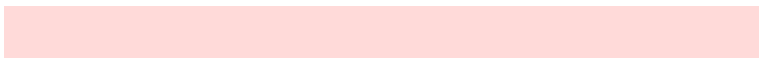
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5890, -12.9250, -24.5810



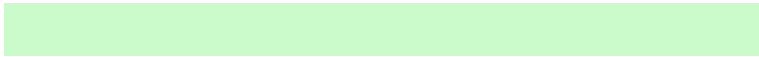
229.4290, -32.1850, -5.9210



228.9490, 22.3730, 7.5330

Complementary

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



230.5890, -12.9250, -24.5810



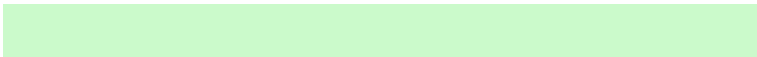
222.4110, 12.9250, 24.5810

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.



232.2550, 13.0640, 16.5520



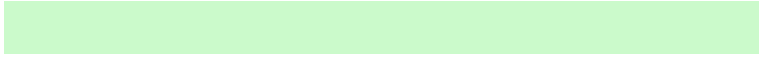
230.5890, -12.9250, -24.5810



235.8070, -6.4660, 7.0540

Square

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



230.5890, -12.9250, -24.5810



225.1550, -52.2650, -16.4650



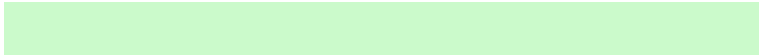
236.8030, 8.5250, 16.2130



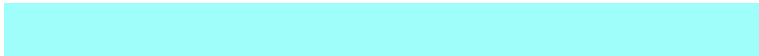
230.3220, 28.1520, -3.5920

Rectangle

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



230.5890, -12.9250, -24.5810



225.4380, -54.7400, -21.1720



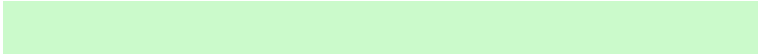
236.8030, 8.5250, 16.2130



229.9750, 19.4840, 10.3320

Sweetspot

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



230.5890, -12.9250, -24.5810



248.8050, -4.1250, -7.8450



244.6420, 15.0870, -14.6170



124.2830, -2.4750, -4.7070



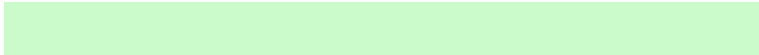
0.0000, 0.0000, 0.0000



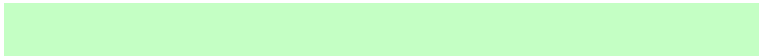
128.0000, -0.0000, -0.0000

Same Dimension

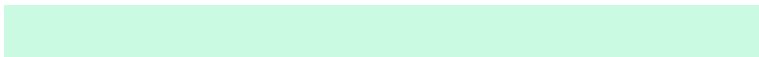
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5890, -12.9250, -24.5810



230.6330, -16.2250, -30.8570



233.2110, -20.3080, -17.4280



119.6310, -3.5750, -6.7990



110.9430, -51.9750, -98.8470



35.8070, -16.7750, -31.9030

Inverse Universe

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



222.4110, 12.9250, 24.5810



220.3670, 16.2250, 30.8570



219.6750, 20.6290, 17.1170



117.3690, 3.5750, 6.7990



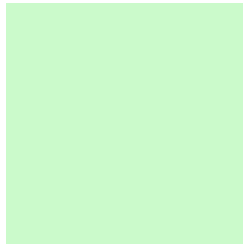
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 230.5890, -12.9250, -24.5810 looks on a white background.

Color Contrast Check

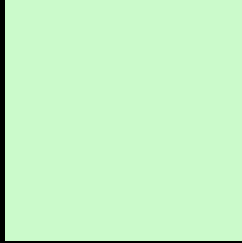
Large Text (above 18pt) WCAG AA × Fail

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 230.5890, -12.9250, -24.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

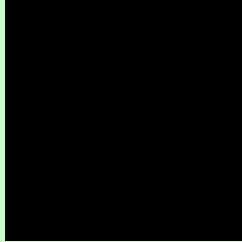
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

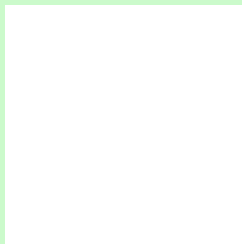
Any Text WCAG AAA ✓ Pass

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

YIQ 230.5890, -12.9250, -24.5810 Background



This preview shows how black text looks on a background with the YIQ color 230.5890, -12.9250, -24.5810.



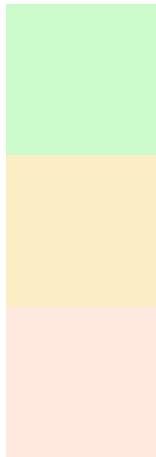
This preview shows how white text looks on a background with the YIQ color 230.5890, -12.9250, -24.5810.

-24.5810.

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

230.5890, -12.9250, -24.5810

Protanopia

236.5120, 21.5050, -9.7830

Deuteranopia

238.4380, 16.3220, 1.5540



Tritanopia

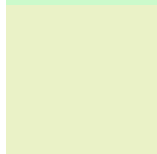
236.3170, -17.0100, -0.0980

Trichromacy



Original Color

230.5890, -12.9250, -24.5810



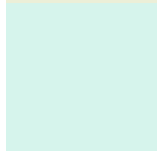
Protanomaly

234.7060, 9.0350, -15.0690



Deuteranomaly

235.4810, 5.5950, -7.7890



Tritanomaly

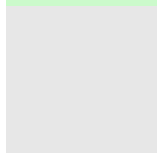
234.1180, -15.3120, -8.8480

Monochromacy



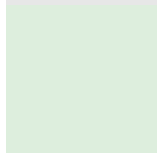
Original Color

230.5890, -12.9250, -24.5810



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

230.9790, -4.6750, -8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.5890, -12.9250, -24.5810 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(203, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 250, 203)  
}
```

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(203, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 250, 203) }
```

Border

The CSS property to change the border of an element to YIQ 230.5890, -12.9250, -24.5810 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(203, 250, 203) }
```


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

```
.border{ border-color:rgb(203, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 250, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 250, 203); box-shadow:4px 4px 4px 4px rgb(203, 250, 203) }
```

Background

The CSS property to change the background color of an element to YIQ 230.5890, -12.9250, -24.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 250, 203) }
```

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

```
.background{ background-color: rgb(203,  
250, 203) }
```

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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