

Converting Colors

YIQ(233.5820, -20.2150,
-24.6230)

Have a look what the booklet for
YIQ(233.5820, -20.2150, -24.6230)
contains.

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Color

**YIQ(233.5820, -20.2150,
-24.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFD6
RGB	199, 255, 214
RGB Percent	78%, 100%, 84%
CMY	0.2198, 0.0000, 0.1608
CMYK	0.22, 0.00, 0.16, 0.00
HSL	136°, 100%, 89%
HSV	136°, 22%, 100%
XYZ	71.4385, 88.5110, 76.9292
YIQ	233.5820, -20.2150, -24.6230

Conversions

Conversions Part 2

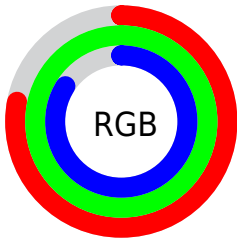
Format	Color
RYB	199, 243, 255
Decimal	13107158
CIELab	95.38, -25.46, 13.90
CIELCh	95, 29.007, 151.377
Yxy	88.5110, 0.3016, 0.3737
Android (android.graphics.Color)	4291297238 (0xFFC7FFD6)
YUV	233.5820, -9.6539, -30.3284
Hunter-Lab	94.0803, -29.0992, 17.3749

Details

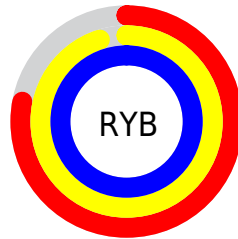
The YIQ color $233.5820, -20.2150, -24.6230$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $220.4180, 20.2150, 24.6230$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.4080, -19.6650, -23.5770$ is the 20% darker color. If you saturate the color by 10%, you get $223.6420, -29.6120, -36.0440$, and if you desaturate by 10%, it is $243.2230, -11.4140, -13.4140$.

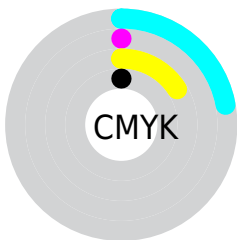
Distribution



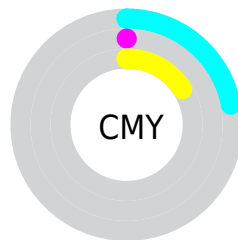
- Red (78%)
- Green (100%)
- Blue (84%)



- Red (78%)
- Yellow (95%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.5820, -20.2150, -24.6230 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 233.5820, -20.2150, -24.6230 by changing the saturation by 10% instead.

■ 233.5820,
-20.2150, -24.6230

■ 233.5820,
-20.2150, -24.6230

255.0000, -0.0000,
-0.0000

■ 204.9950,
-19.9400, -24.1000

■ 177.4080,
-19.6650, -23.5770

■ 150.8210,
-19.3900, -23.0540

■ 124.3480,
-19.4360, -22.2200

■ 98.7610, -19.1610,
-21.6970

■ 74.2880, -19.2070,
-20.8630

■ 49.9180, -21.0410,

-20.6650

■ 29.0540, -18.4280,
-18.4600

■ 15.8490, -7.4250,
-14.1210

■ 233.5820,
-20.2150, -24.6230

■ 233.5820,
-20.2150, -24.6230

■ 223.6420,
-29.6120, -36.0440

■ 243.2230,
-11.4140, -13.4140

■ 214.1150,
-38.7340, -46.9420

■ 253.0490, -1.6960,
-2.3040

■ 204.1750,
-48.1310, -58.3630

■ 255.0000, -0.0000,
-0.0000

■ 194.5340,
-56.9320, -69.5720

■ 184.7080,
-66.6500, -80.6820

■ 175.0670,
-75.4510, -91.8910

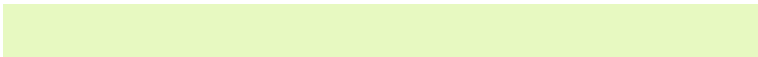
■ 165.1270,
-84.8480, -103.3120

■ 157.4370,
-91.9530, -112.2170

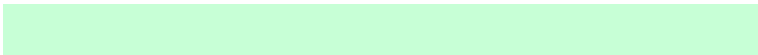
Harmonies

Analogous

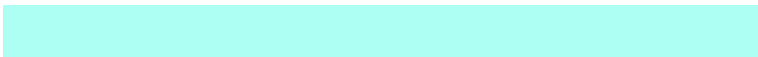
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2340, 7.2480, -21.2320



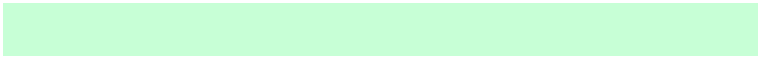
233.5820, -20.2150, -24.6230



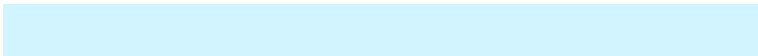
228.7010, -45.2950, -21.6390

Triad

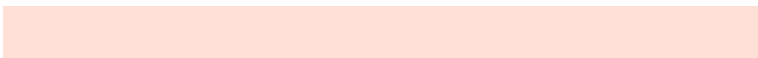
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5820, -20.2150, -24.6230



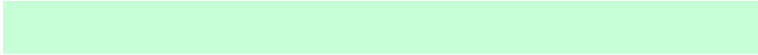
235.0880, -23.7950, -3.7870



232.1290, 21.6860, 3.4620

Complementary

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



233.5820, -20.2150, -24.6230



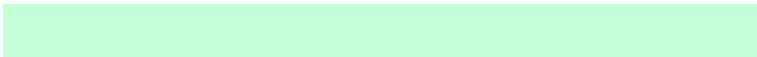
220.4180, 20.2150, 24.6230

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.



234.0330, 13.5690, 12.9050



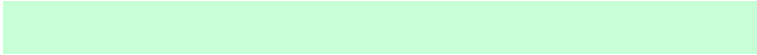
233.5820, -20.2150, -24.6230



240.5800, 1.6030, 9.4990

Square

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



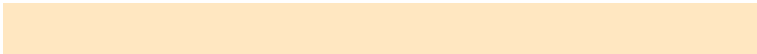
233.5820, -20.2150, -24.6230



229.9170, -45.6630, -14.9670



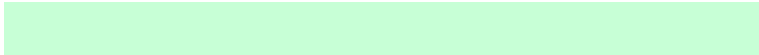
237.9770, 7.9750, 15.1670



233.8440, 26.5020, -6.7300

Rectangle

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



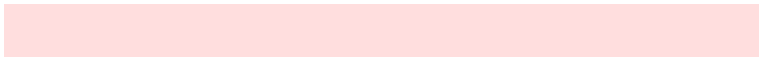
233.5820, -20.2150, -24.6230



227.4920, -54.8320, -19.5040



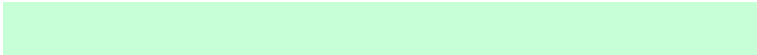
237.9770, 7.9750, 15.1670



231.8670, 19.6680, 6.9960

Sweetspot

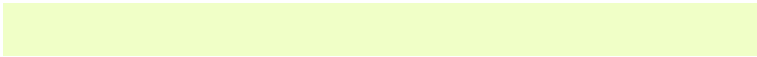
The Sweet Spot groups the original color and five complimentary colors.



233.5820, -20.2150, -24.6230



248.1360, -6.5550, -7.8590



244.1310, 9.0360, -20.5960



123.7990, -3.9880, -4.8200



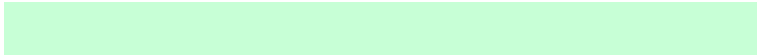
0.0000, 0.0000, 0.0000



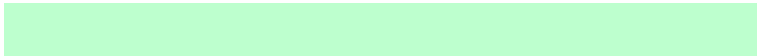
128.0000, -0.0000, -0.0000

Same Dimension

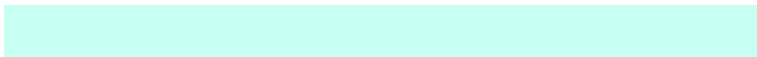
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5820, -20.2150, -24.6230



229.6800, -23.6070, -29.2310



236.7740, -29.2030, -15.9150



122.9730, -4.5380, -5.8660



117.9310, -68.8960, -84.0320



39.5060, -23.0570, -28.1850

Inverse Universe

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



220.4180, 20.2150, 24.6230



214.2060, 23.9280, 28.9200



217.2260, 29.2030, 15.9150



119.9130, 4.8590, 5.5550



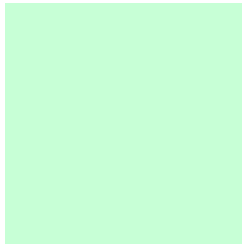
73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 233.5820, -20.2150, -24.6230 looks on a white background.

Color Contrast Check

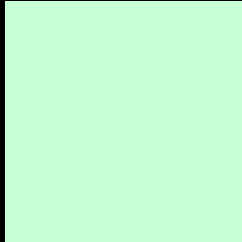
Large Text (above 18pt) WCAG AA × Fail

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 233.5820, -20.2150, -24.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

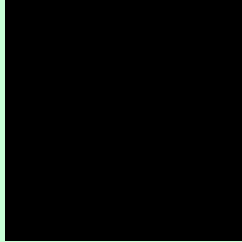
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

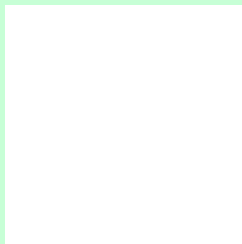
Any Text WCAG AAA ✓ Pass

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

YIQ 233.5820, -20.2150, -24.6230 Background



This preview shows how black text looks on a background with the YIQ color 233.5820, -20.2150, -24.6230.



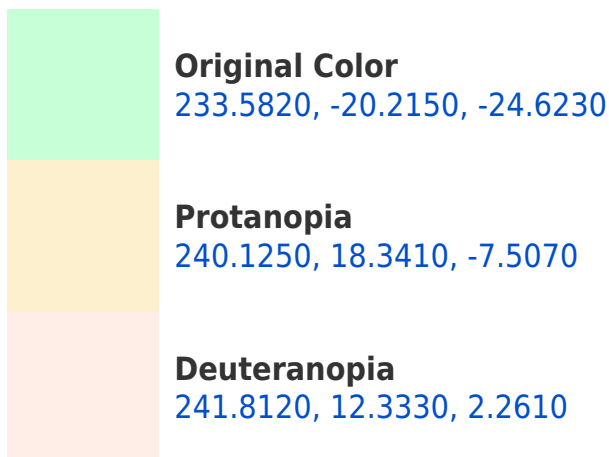
This preview shows how white text looks on a background with the YIQ color 233.5820, -20.2150, -24.6230.

-24.6230.

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

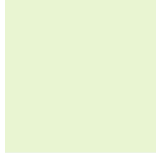
239.5730, -14.8550, -0.6070

Trichromacy



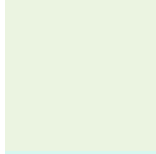
Original Color

233.5820, -20.2150, -24.6230



Protanomaly

237.4220, 4.0830, -13.4290



Deuteranomaly

239.1430, 0.7350, -7.8170



Tritanomaly

237.5200, -16.5040, -9.2720

Monochromacy



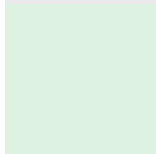
Original Color

233.5820, -20.2150, -24.6230



Achromatopsia

234.0000, -0.0000, 0.0000



Achromatomaly

234.0110, -7.7010, -9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.5820, -20.2150, -24.6230 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(199, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 214)  
}
```

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(199, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 214) }
```

Border

The CSS property to change the border of an element to YIQ 233.5820, -20.2150, -24.6230 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(199, 255, 214) }
```


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

```
.border{ border-color:rgb(199, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 233.5820, -20.2150, -24.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 214) }
```

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

```
.background{ background-color: rgb(199,  
255, 214) }
```

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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