

Converting Colors

YIQ(222.8420, -15.8560,
-43.0560)

Have a look what the booklet for
YIQ(222.8420, -15.8560, -43.0560)
contains.

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Color

**YIQ(222.8420, -15.8560,
-43.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FFA7
RGB	181, 255, 167
RGB Percent	71%, 100%, 65%
CMY	0.2904, 0.0000, 0.3451
CMYK	0.29, 0.00, 0.35, 0.00
HSL	110°, 100%, 83%
HSV	110°, 35%, 100%
XYZ	61.7774, 84.1267, 49.5419
YIQ	222.8420, -15.8560, -43.0560

Conversions

Conversions Part 2

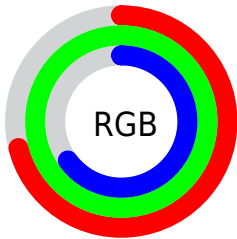
Format	Color
RYB	167, 255, 241
Decimal	11927463
CIELab	93.51, -38.89, 34.97
CIELCh	94, 52.307, 138.037
Yxy	84.1267, 0.3161, 0.4304
Android (android.graphics.Color)	4290117543 (0xFFB5FFA7)
YUV	222.8420, -27.5301, -36.6954
Hunter-Lab	91.7206, -40.2843, 32.1796

Details

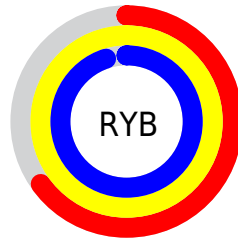
The YIQ color $222.8420, -15.8560, -43.0560$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $199.1580, 15.8560, 43.0560$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.5680, 0.7360, -13.3440$, and $166.8960, -15.9480, -41.3880$ is the 20% darker color. If you saturate the color by 10%, you get $213.4140, -20.9430, -55.4950$, and if you desaturate by 10%, it is $232.0850, -11.6860, -30.5180$.

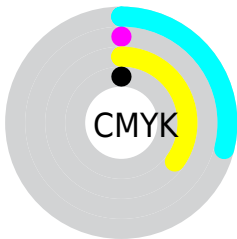
Distribution



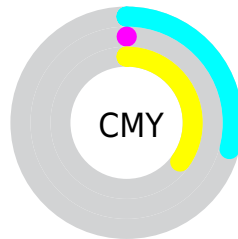
- Red (71%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8420, -15.8560, -43.0560 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 222.8420, -15.8560, -43.0560 by changing the saturation by 10% instead.

■ 222.8420,
-15.8560, -43.0560

■ 222.8420,
-15.8560, -43.0560

255.0000, -0.0000,
-0.0000

■ 194.3690,
-15.9020, -42.2220

■ 246.2690, 0.1400,
-13.5560

■ 166.8960,
-15.9480, -41.3880

■ 254.6580, 0.9630,
-0.9330

■ 139.5370,
-16.3150, -40.2430

■ 112.7650,
-16.9570, -39.6210

■ 86.3950, -18.7910,
-39.4230

■ 58.4050, -24.7510,
-41.5430

■ 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 12.3270, -5.7750,
-10.9830

■ 222.8420,
-15.8560, -43.0560

■ 222.8420,
-15.8560, -43.0560

■ 213.4140,
-20.9430, -55.4950

■ 232.0850,
-11.6860, -30.5180

■ 204.1710,
-25.1130, -68.0330

■ 241.5130, -6.5990,
-18.0790

■ 195.0420,
-29.6040, -80.2600

■ 250.7560, -2.4290,
-5.5410

■ 185.5000,
-34.3700, -93.0100

■ 255.0000, -0.0000,
-0.0000

■ 176.3710,
-38.8610, -105.2370

■ 166.8290,
-43.6270, -117.9870

■ 161.6450,
-46.2850, -124.8850

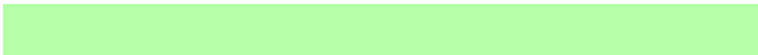
Harmonies

Analogous

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



229.5350, 30.7250, -33.7150



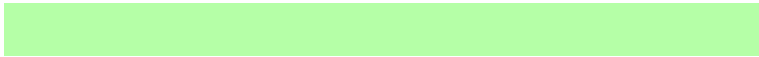
222.8420, -15.8560, -43.0560



207.5690, -72.0670, -43.0670

Triad

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



222.8420, -15.8560, -43.0560



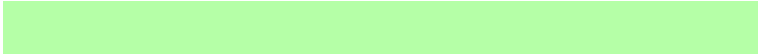
209.6400, -78.8560, -24.6480



215.5960, 31.0370, 15.7170

Complementary

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



222.8420, -15.8560, -43.0560



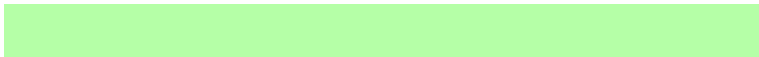
199.1580, 15.8560, 43.0560

Split Complementary

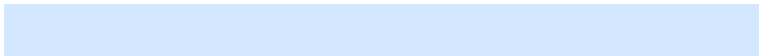
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 15.4000, 29.2880



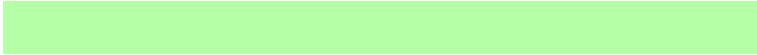
222.8420, -15.8560, -43.0560



227.7560, -19.6240, 3.2240

Square

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



222.8420, -15.8560, -43.0560



178.7550, -151.9800, -54.0600



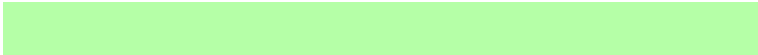
229.7590, 11.8250, 22.4890



217.5100, 42.1820, -4.5540

Rectangle

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



222.8420, -15.8560, -43.0560



190.6290, -125.0220, -47.0220



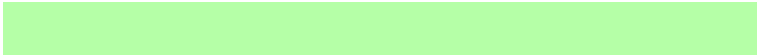
229.7590, 11.8250, 22.4890



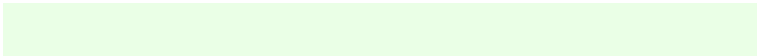
216.9470, 25.8550, 21.5270

Sweetspot

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



222.8420, -15.8560, -43.0560



245.8710, -4.4910, -12.2270



236.1630, 32.3730, -19.5230



122.2890, -2.6120, -7.7320



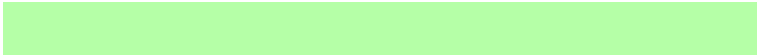
0.0000, 0.0000, 0.0000



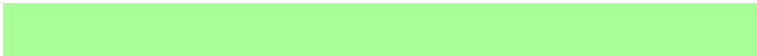
128.0000, -0.0000, -0.0000

Same Dimension

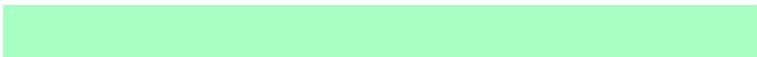
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.8420, -15.8560, -43.0560



216.7180, -18.7430, -51.3110



221.9620, -33.5090, -37.0050



123.2290, -2.3830, -6.3750



121.0870, -34.6450, -93.5330



40.5580, -11.6400, -31.3520

Inverse Universe

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



199.1580, 15.8560, 43.0560



188.2820, 18.7430, 51.3110



200.0380, 33.5090, 37.0050



119.4720, 1.7870, 6.1630



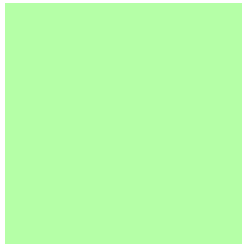
69.9130, 34.6450, 93.5330



23.4420, 11.6400, 31.3520

Previews

White Background



This preview shows how the YIQ color 222.8420, -15.8560, -43.0560 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 222.8420, -15.8560, -43.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

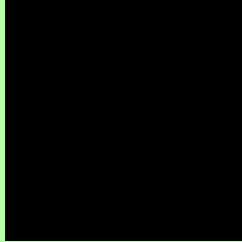
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

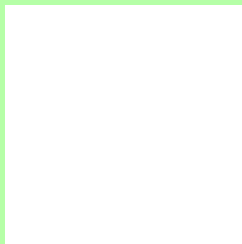
Any Text WCAG AAA ✓ Pass

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

YIQ 222.8420, -15.8560, -43.0560 Background



This preview shows how black text looks on a background with the YIQ color 222.8420, -15.8560, -43.0560.



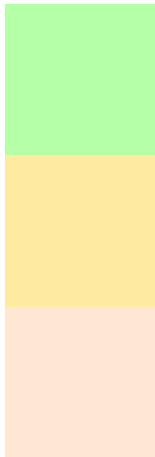
This preview shows how white text looks on a background with the YIQ color 222.8420, -15.8560, -43.0560.

-43.0560.

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

222.8420, -15.8560, -43.0560

Protanopia

232.3160, 36.3160, -19.3960

Deuteranopia

235.8960, 20.7240, -1.1320



Tritanopia

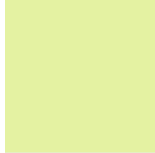
233.0280, -23.5660, -2.4300

Trichromacy



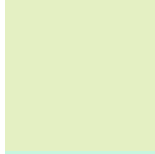
Original Color

222.8420, -15.8560, -43.0560



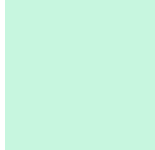
Protanomaly

228.6940, 17.3360, -27.8480



Deuteranomaly

231.2820, 7.2930, -16.5390



Tritanomaly

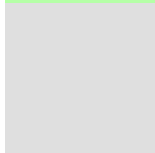
229.3250, -20.6290, -17.1170

Monochromacy



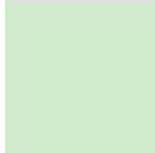
Original Color

222.8420, -15.8560, -43.0560



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.2790, -5.8200, -15.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8420, -15.8560, -43.0560 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(181, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 167)  
}
```

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(181, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 167) }
```

Border

The CSS property to change the border of an element to YIQ 222.8420, -15.8560, -43.0560 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(181, 255, 167) }
```


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

```
.border{ border-color:rgb(181, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8420, -15.8560, -43.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 167) }
```

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

```
.background{ background-color: rgb(181,  
255, 167) }
```

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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