

Converting Colors

YIQ(225.3200, -14.2060,
-39.9180)

Have a look what the booklet for
YIQ(225.3200, -14.2060, -39.9180)
contains.

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Color

**YIQ(225.3200, -14.2060,
-39.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFFAD
RGB	187, 255, 173
RGB Percent	73%, 100%, 68%
CMY	0.2669, 0.0000, 0.3216
CMYK	0.27, 0.00, 0.32, 0.00
HSL	110°, 100%, 84%
HSV	110°, 32%, 100%
XYZ	63.7832, 85.0952, 52.5994
YIQ	225.3200, -14.2060, -39.9180

Conversions

Conversions Part 2

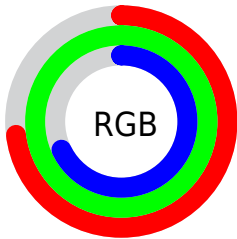
Format	Color
RYB	173, 255, 241
Decimal	12320685
CIELab	93.92, -36.06, 32.60
CIELCh	94, 48.609, 137.890
Yxy	85.0952, 0.3166, 0.4224
Android (android.graphics.Color)	4290510765 (0xFFBBFFAD)
YUV	225.3200, -25.7938, -33.6066
Hunter-Lab	92.2470, -38.0104, 30.7657

Details

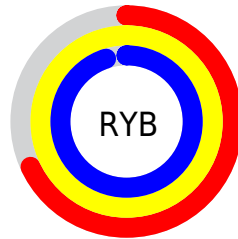
The YIQ color **225.3200, -14.2060, -39.9180** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **202.6800, 14.2060, 39.9180**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0460, 2.3860, -10.2060**, and **169.3740, -14.2980, -38.2500** is the 20% darker color. If you saturate the color by 10%, you get **216.1910, -18.6970, -52.1450**, and if you desaturate by 10%, it is **234.5630, -10.0360, -27.3800**.

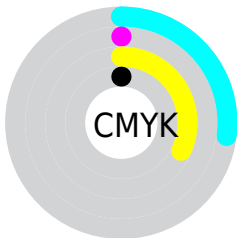
Distribution



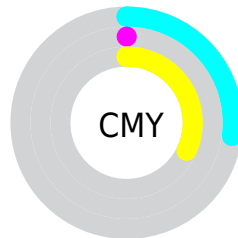
- Red (73%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.3200, -14.2060, -39.9180 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 225.3200, -14.2060, -39.9180 by changing the saturation by 10% instead.

■ 225.3200,
-14.2060, -39.9180

■ 225.3200,
-14.2060, -39.9180

255.0000, -0.0000,
-0.0000

■ 196.8470,
-14.2520, -39.0840

■ 248.7470, 1.7900,
-10.4180

■ 169.3740,
-14.2980, -38.2500

■ 142.0150,
-14.6650, -37.1050

■ 116.1290,
-14.9860, -36.7940

■ 90.0580, -16.2240,
-36.3840

■ 63.3890, -18.6540,
-36.3980

■ 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 12.9140, -6.0500,
-11.5060

■ 225.3200,
-14.2060, -39.9180

■ 225.3200,
-14.2060, -39.9180

■ 216.1910,
-18.6970, -52.1450

■ 234.5630,
-10.0360, -27.3800

■ 206.9480,
-22.8670, -64.6830

■ 243.6920, -5.5450,
-15.1530

■ 197.5200,
-27.9540, -77.1220

■ 252.9350, -1.3750,
-2.6150

■ 188.2770,
-32.1240, -89.6600

■ 255.0000, -0.0000,
-0.0000

■ 179.1480,
-36.6150, -101.8870

■ 169.9050,
-40.7850, -114.4250

■ 162.5420,
-44.4970, -124.2490

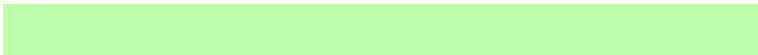
Harmonies

Analogous

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



231.7460, 28.7530, -31.0150



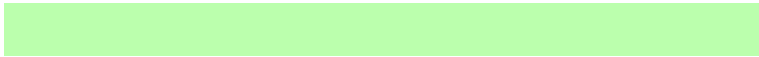
225.3200, -14.2060, -39.9180



211.9830, -64.3650, -39.4770

Triad

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



225.3200, -14.2060, -39.9180



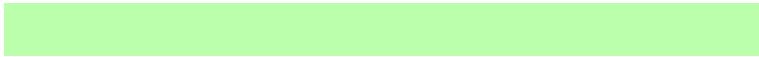
215.0110, -69.5950, -21.7790



218.8730, 28.6990, 14.0350

Complementary

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



225.3200, -14.2060, -39.9180



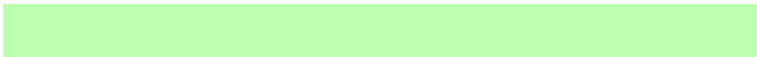
202.6800, 14.2060, 39.9180

Split Complementary

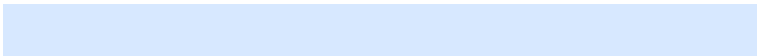
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.4760, 14.3000, 27.1960



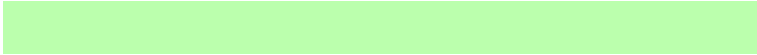
225.3200, -14.2060, -39.9180



229.5390, -17.5150, 3.5490

Square

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



225.3200, -14.2060, -39.9180



193.1070, -123.3720, -43.8840



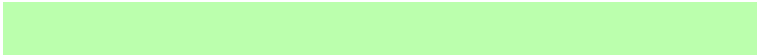
231.5200, 11.0000, 20.9200



220.0690, 39.1100, -3.9460

Rectangle

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



225.3200, -14.2060, -39.9180



201.9910, -102.3740, -38.9660



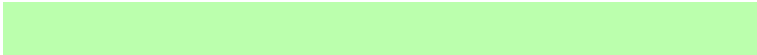
231.5200, 11.0000, 20.9200



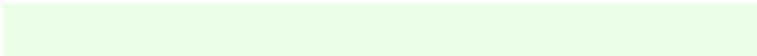
220.1100, 23.8380, 19.5340

Sweetspot

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



225.3200, -14.2060, -39.9180



245.8710, -4.4910, -12.2270



236.8470, 30.4470, -17.6570



122.2890, -2.6120, -7.7320



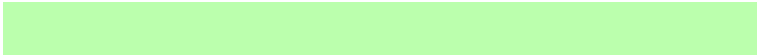
0.0000, 0.0000, 0.0000



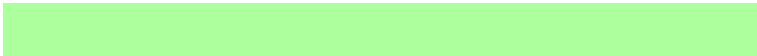
128.0000, -0.0000, -0.0000

Same Dimension

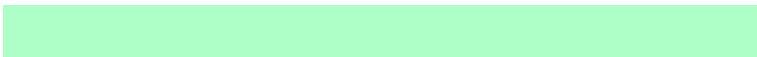
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.3200, -14.2060, -39.9180



218.8970, -17.6890, -48.3850



224.0980, -30.8960, -34.8000



123.2290, -2.3830, -6.3750



121.9840, -32.8570, -92.8970



40.8570, -11.0440, -31.1400

Inverse Universe

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



202.6800, 14.2060, 39.9180



191.8040, 17.0930, 48.1730



203.9020, 30.8960, 34.8000



119.4720, 1.7870, 6.1630



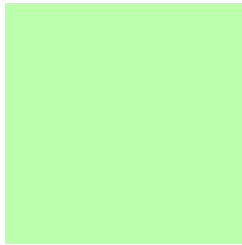
69.3150, 33.4530, 93.1090



23.1430, 11.0440, 31.1400

Previews

White Background



This preview shows how the YIQ color 225.3200, -14.2060, -39.9180 looks on a white background.

Color Contrast Check

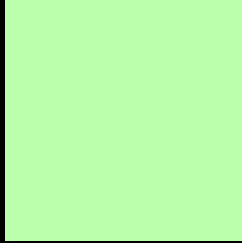
Large Text (above 18pt) WCAG AA × Fail

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 225.3200, -14.2060, -39.9180 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

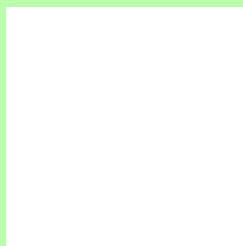
Any Text WCAG AAA ✓ Pass

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

YIQ 225.3200, -14.2060, -39.9180 Background



This preview shows how black text looks on a background with the YIQ color 225.3200, -14.2060, -39.9180.



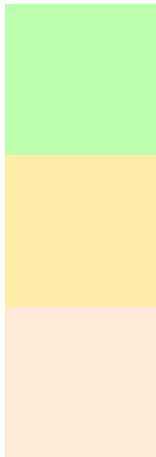
This preview shows how white text looks on a background with the YIQ color 225.3200, -14.2060, -39.9180.

-39.9180.

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

225.3200, -14.2060, -39.9180

Protanopia

234.5160, 32.8770, -17.6430

Deuteranopia

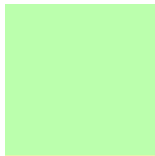
237.5260, 18.8900, -0.9340



Tritanopia

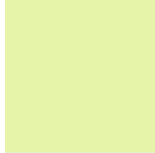
234.5230, -20.5860, -1.3700

Trichromacy



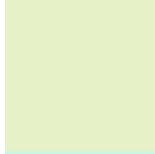
Original Color

225.3200, -14.2060, -39.9180



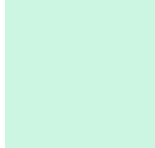
Protanomaly

231.3780, 15.4100, -25.9820



Deuteranomaly

233.0370, 6.6050, -15.0830



Tritanomaly

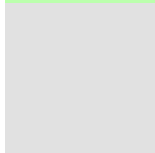
231.0480, -18.2910, -15.4350

Monochromacy



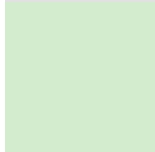
Original Color

225.3200, -14.2060, -39.9180



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.1050, -5.2700, -14.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3200, -14.2060, -39.9180 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(187, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 173)  
}
```

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(187, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 173) }
```

Border

The CSS property to change the border of an element to YIQ 225.3200, -14.2060, -39.9180 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(187, 255, 173) }
```


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

```
.border{ border-color:rgb(187, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3200, -14.2060, -39.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 173) }
```

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

```
.background{ background-color: rgb(187,  
255, 173) }
```

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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