

Converting Colors

YIQ(222.8320, -35.1180,
-13.3420)

Have a look what the booklet for
YIQ(222.8320, -35.1180, -13.3420)
contains.

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Color

**YIQ(222.8320, -35.1180,
-13.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F1EF
RGB	181, 241, 239
RGB Percent	71%, 95%, 94%
CMY	0.2903, 0.0548, 0.0629
CMYK	0.25, 0.00, 0.01, 0.05
HSL	178°, 68%, 83%
HSV	178°, 25%, 95%
XYZ	66.0850, 78.9748, 93.3947
YIQ	222.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

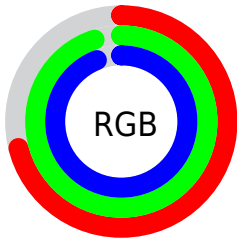
Format	Color
R_{YB}	181, 212, 241
Decimal	11923951
CIE _{Lab}	91.22, -19.21, -5.16
CIE _{LCh}	91, 19.895, 195.035
Yxy	78.9748, 0.2771, 0.3312
Android (android.graphics.Color)	4290114031 (0xFFB5F1EF)
YUV	222.8320, 7.9708, -36.6867
Hunter-Lab	88.8677, -22.7800, -0.1029

Details

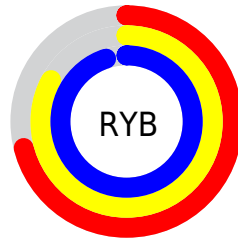
The YIQ color **222.8320, -35.1180, -13.3420** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **199.1680, 35.1180, 13.3420**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.9170, -10.1320, -3.6040**, and **167.1310, -34.5220, -13.1300** is the 20% darker color. If you saturate the color by 10%, you get **215.5420, -49.1010, -18.7410**, and if you desaturate by 10%, it is **230.1220, -21.1350, -7.9430**.

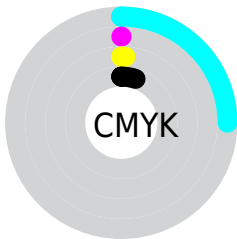
Distribution



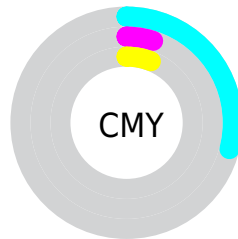
- Red (71%)
- Green (95%)
- Blue (94%)



- Red (71%)
- Yellow (83%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8320, -35.1180, -13.3420 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 222.8320, -35.1180, -13.3420 by changing the saturation by 10% instead.

■ 222.8320,
-35.1180, -13.3420

■ 222.8320,
-35.1180, -13.3420

■ 255.0000, -0.0000,
-0.0000

■ 194.8320,
-35.1180, -13.3420

■ 249.9170,
-10.1320, -3.6040

■ 167.1310,
-34.5220, -13.1300

■ 140.4300,
-33.9260, -12.9180

■ 114.4300,
-33.9260, -12.9180

■ 88.5440, -34.2470,
-12.6070

■ 63.0490, -37.2270,
-13.6670

■ 41.2450, -34.8430,

-12.8190

■ 25.9370, -22.0520,
-7.8440

■ 7.1070, -7.6110,
0.2690

■ 222.8320,
-35.1180, -13.3420

■ 222.8320,
-35.1180, -13.3420

■ 215.5420,
-49.1010, -18.7410

■ 230.1220,
-21.1350, -7.9430

■ 208.2520,
-63.0840, -24.1400

■ 237.4120, -7.1520,
-2.5440

■ 200.9620,
-77.0670, -29.5390

■ 244.5880, 7.1520,
2.5440

■ 193.7860,
-91.3710, -34.6270

■ 245.3000, 8.0230,
3.2790

■ 186.1970,
-105.9500, -40.2380

■ 245.4140, 7.7020,
3.5900

■ 178.9070,
-119.9330, -45.6370

■ 245.5280, 7.3810,
3.9010

■ 171.6170,
-133.9160, -51.0360

■ 245.6420, 7.0600,
4.2120

■ 168.0290,
-141.0680, -53.5800

■ 245.7560, 6.7390,
4.5230

Harmonies

Analogous

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



223.5530, -21.2710, -16.4950



222.8320, -35.1180, -13.3420



223.7810, -39.1080, -7.1080

Triad

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



222.8320, -35.1180, -13.3420



232.6390, 3.1150, 15.1390



230.0230, 27.5560, -3.8040

Complementary

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



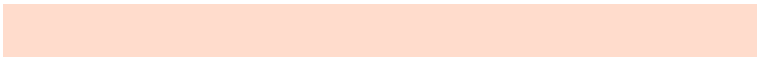
222.8320, -35.1180, -13.3420



199.1680, 35.1180, 13.3420

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.



228.6410, 25.9960, 2.4440



222.8320, -35.1180, -13.3420



231.5710, 14.9900, 14.6860

Square

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



222.8320, -35.1180, -13.3420



228.9850, -12.8390, 6.9130



228.8180, 21.3640, 9.3000



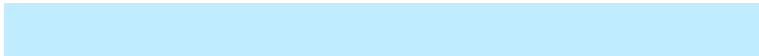
228.4510, 14.3070, -11.4930

Rectangle

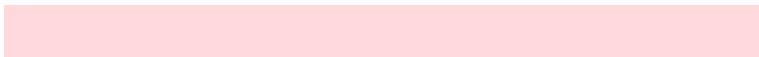
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.8320, -35.1180, -13.3420



224.7110, -32.9190, -3.6310



228.8180, 21.3640, 9.3000



229.4900, 27.7390, -1.6130

Sweetspot

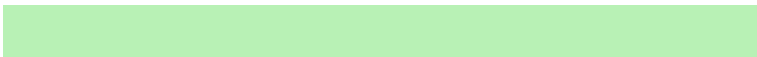
The Sweet Spot groups the original color and five complimentary colors.



222.8320, -35.1180, -13.3420



249.5040, -10.4070, -4.1270



217.1170, -14.7120, -30.7440



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



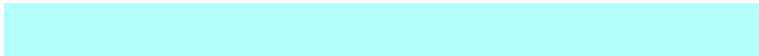
128.0000, -0.0000, -0.0000

Same Dimension

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



222.8320, -35.1180, -13.3420



231.9340, -44.3330, -17.0450



207.2110, -28.3350, 1.4010



116.2980, -6.8310, -2.8550



128.1860, -107.4170, -41.1850



39.0280, -32.7340, -12.4940

Inverse Universe

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



199.1680, 35.1180, 13.3420



201.9520, 44.6540, 16.7340



214.7890, 28.3350, -1.4010



111.5880, 7.1520, 2.5440



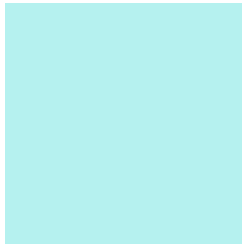
55.7000, 107.7380, 40.8740



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 222.8320, -35.1180, -13.3420 looks on a white background.

Color Contrast Check

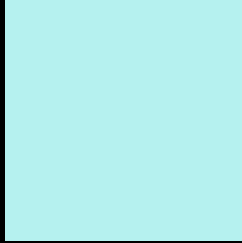
Large Text (above 18pt) WCAG AA × Fail

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 222.8320, -35.1180, -13.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

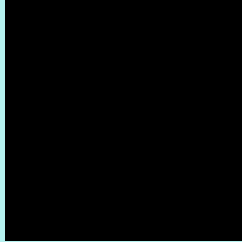
Any Text WCAG AA ✓ Pass

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 222.8320, -35.1180, -13.3420 Background



This preview shows how black text looks on a background with the YIQ color 222.8320, -35.1180, -13.3420.



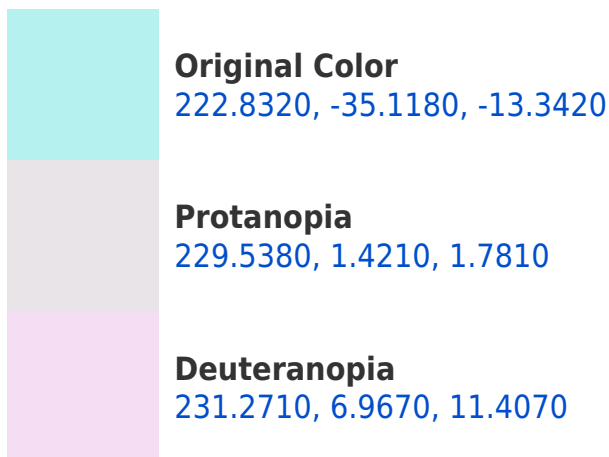
This preview shows how white text looks on a background with the YIQ color 222.8320, -35.1180, -13.3420.

-13.3420.

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

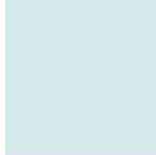
224.7000, -34.3860, -4.5780

Trichromacy



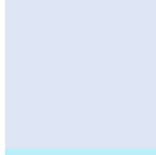
Original Color

222.8320, -35.1180, -13.3420



Protanomaly

227.1340, -12.2410, -3.9290



Deuteranomaly

228.3890, -8.3450, 2.5590



Tritanomaly

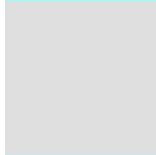
223.7060, -34.5230, -7.6030

Monochromacy



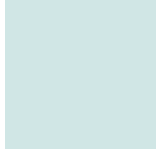
Original Color

222.8320, -35.1180, -13.3420



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.3080, -12.7910, -4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8320, -35.1180, -13.3420 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, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 241, 239)  
}
```

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, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 241, 239) }
```

Border

The CSS property to change the border of an element to YIQ 222.8320, -35.1180, -13.3420 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, 241, 239) }
```


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

```
.border{ border-color:rgb(181, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(181, 241,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8320, -35.1180, -13.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 241, 239) }
```

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

```
.background{ background-color: rgb(181,  
241, 239) }
```

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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