

Converting Colors

YIQ(228.0060, -35.6680,
-14.3880)

Have a look what the booklet for
YIQ(228.0060, -35.6680, -14.3880)
contains.

YIQ(228.0060, -35.6680, -14.3880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(228.0060, -35.6680,
-14.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F7F3
RGB	185, 247, 243
RGB Percent	73%, 97%, 95%
CMY	0.2746, 0.0313, 0.0472
CMYK	0.25, 0.00, 0.02, 0.03
HSL	176°, 80%, 85%
HSV	176°, 25%, 97%
XYZ	69.4394, 83.3159, 97.1878
YIQ	228.0060, -35.6680, -14.3880

Conversions

Conversions Part 2

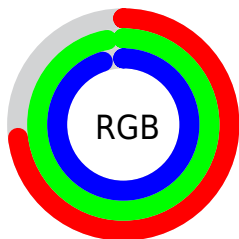
Format	Color
R_{YB}	185, 217, 247
Decimal	12187635
CIE _{Lab}	93.15, -20.16, -4.37
CIE _{LCh}	93, 20.629, 192.237
Yxy	83.3159, 0.2778, 0.3333
Android (android.graphics.Color)	4290377715 (0xFFB9F7F3)
YUV	228.0060, 7.3920, -37.7163
Hunter-Lab	91.2776, -23.9418, 0.7652

Details

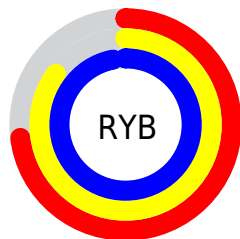
The YIQ color **228.0060, -35.6680, -14.3880** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.9940, 35.6680, 14.3880**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, -7.7480, -2.7560**, and **172.3050, -35.0720, -14.1760** is the 20% darker color. If you saturate the color by 10%, you get **220.3030, -49.9260, -20.3100**, and if you desaturate by 10%, it is **235.7090, -21.4100, -8.4660**.

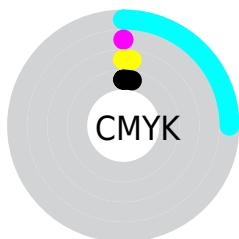
Distribution



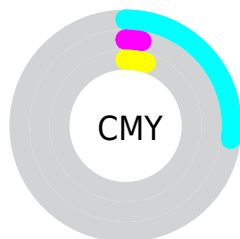
- Red (73%)
- Green (97%)
- Blue (95%)



- Red (73%)
- Yellow (85%)
- Blue (97%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.0060, -35.6680, -14.3880 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 228.0060, -35.6680, -14.3880 by changing the saturation by 10% instead.

■ 228.0060,
-35.6680, -14.3880

■ 228.0060,
-35.6680, -14.3880

■ 255.0000, -0.0000,
-0.0000

■ 199.4190,
-35.3930, -13.8650

■ 251.1130, -7.7480,
-2.7560

■ 172.3050,
-35.0720, -14.1760

■ 145.0170,
-34.2010, -13.4410

■ 118.7180,
-34.7970, -13.6530

■ 92.8320, -35.1180,
-13.3420

■ 67.5220, -37.1810,
-14.5010

■ 43.9350, -36.9060,

-13.9780

■ 28.5130, -23.7940,
-9.3140

■ 13.9060, -11.5990,
-4.5510

■ 228.0060,
-35.6680, -14.3880

■ 228.0060,
-35.6680, -14.3880

■ 220.3030,
-49.9260, -20.3100

■ 235.7090,
-21.4100, -8.4660

■ 213.0130,
-63.9090, -25.7090

■ 242.9990, -7.4270,
-3.0670

■ 205.3100,
-78.1670, -31.6310

■ 249.5060, 4.4470,
2.0070

■ 197.6070,
-92.4250, -37.5530

■ 249.6200, 4.1260,
2.3180

■ 190.0180,
-107.0040, -43.1640

■ 249.8480, 3.4840,
2.9400

■ 182.6140,
-120.6660, -48.8740

■ 250.0760, 2.8420,
3.5620

■ 175.0250,
-135.2450, -54.4850

■ 250.1900, 2.5210,
3.8730

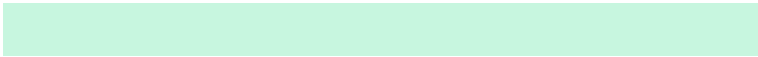
■ 171.3230,
-142.0760, -57.3400

■ 250.3040, 2.2000,
4.1840

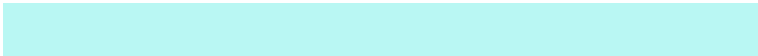
Harmonies

Analogous

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



229.3250, -20.6290, -17.1170



228.0060, -35.6680, -14.3880



228.2000, -38.9700, -9.6100

Triad

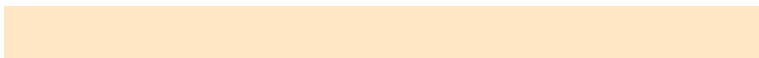
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.0060, -35.6680, -14.3880



237.3570, 3.8490, 12.8490



233.8270, 25.1720, -4.6520

Complementary

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



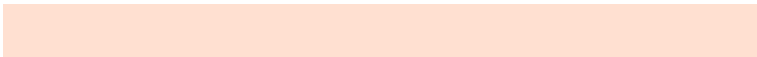
228.0060, -35.6680, -14.3880



203.9940, 35.6680, 14.3880

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.



231.5590, 23.2910, 1.9070



228.0060, -35.6680, -14.3880



235.4180, 11.0470, 14.5590

Square

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



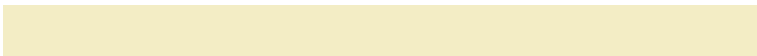
228.0060, -35.6680, -14.3880



233.4040, -12.7010, 4.4110



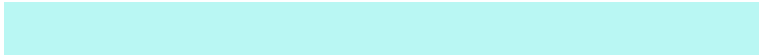
232.5510, 17.7420, 8.8620



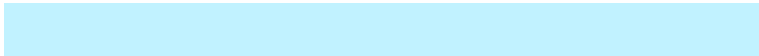
234.2340, 16.4160, -11.1680

Rectangle

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



228.0060, -35.6680, -14.3880



228.8310, -33.3770, -6.3450



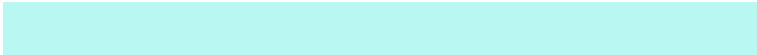
232.5510, 17.7420, 8.8620



232.9950, 24.7590, -2.6730

Sweetspot

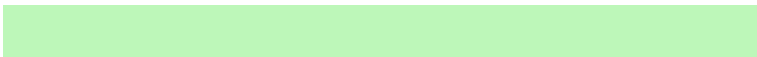
The Sweet Spot groups the original color and five complimentary colors.



228.0060, -35.6680, -14.3880



248.9060, -11.5990, -4.5510



222.5900, -14.6660, -31.5780



123.9990, -7.4270, -3.0670



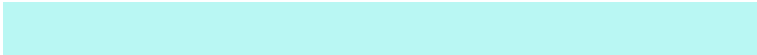
0.0000, 0.0000, 0.0000



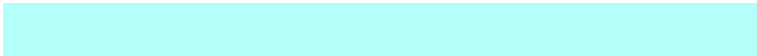
128.0000, -0.0000, -0.0000

Same Dimension

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



228.0060, -35.6680, -14.3880



231.7060, -43.6910, -17.6670



212.6130, -29.5270, 0.9770



118.4120, -7.1520, -2.5440



129.0180, -107.0040, -43.1640



40.9030, -33.8800, -13.7520

Inverse Universe

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



203.9940, 35.6680, 14.3880



202.2940, 43.6910, 17.6670



219.3870, 29.5270, -0.9770



113.7020, 6.8310, 2.8550



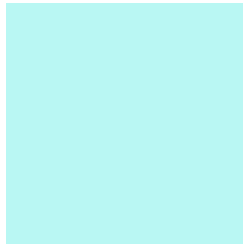
56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 228.0060, -35.6680, -14.3880 looks on a white background.

Color Contrast Check

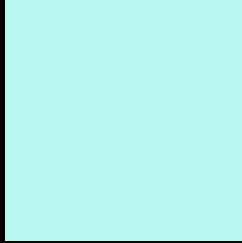
Large Text (above 18pt) WCAG AA × Fail

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 228.0060, -35.6680, -14.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

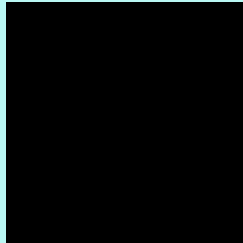
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

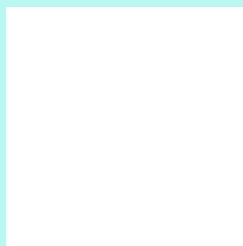
Any Text WCAG AAA ✓ Pass

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

YIQ 228.0060, -35.6680, -14.3880 Background



This preview shows how black text looks on a background with the YIQ color 228.0060, -35.6680, -14.3880.



This preview shows how white text looks on a background with the YIQ color 228.0060, -35.6680, -14.3880.

-14.3880.

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

228.0060, -35.6680, -14.3880

Protanopia

234.7230, 2.3380, 1.6820

Deuteranopia

237.3420, 8.2050, 10.9970



Tritanopia

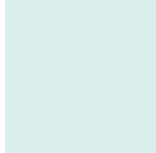
231.8320, -25.9500, -3.2780

Trichromacy



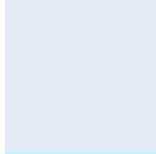
Original Color

228.0060, -35.6680, -14.3880



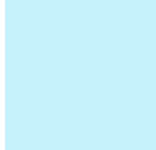
Protanomaly

232.3190, -11.3240, -4.0280



Deuteranomaly

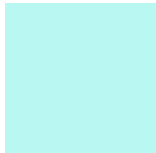
234.1610, -7.7030, 1.9370



Tritanomaly

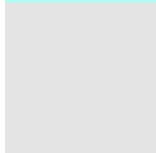
230.4570, -29.3880, -7.0520

Monochromacy



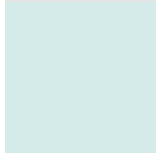
Original Color

228.0060, -35.6680, -14.3880



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.8950, -13.0660, -5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0060, -35.6680, -14.3880 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(185, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 247, 243)  
}
```

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(185, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 247, 243) }
```

Border

The CSS property to change the border of an element to YIQ 228.0060, -35.6680, -14.3880 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(185, 247, 243) }
```


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

```
.border{ border-color:rgb(185, 247, 243) }
```

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

Here you see how a box with a 4 pixel rgb(185, 247, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 247,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0060, -35.6680, -14.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 247, 243) }
```

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

```
.background{ background-color: rgb(185,  
247, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor