

Converting Colors

YIQ(228.7850, -36.9040,
-25.0320)

Have a look what the booklet for
YIQ(228.7850, -36.9040, -25.0320)
contains.

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Color

**YIQ(228.7850, -36.9040,
-25.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FFE3
RGB	178, 255, 227
RGB Percent	70%, 100%, 89%
CMY	0.3022, 0.0000, 0.1099
CMYK	0.30, 0.00, 0.11, 0.00
HSL	158°, 100%, 85%
HSV	158°, 30%, 100%
XYZ	67.9691, 86.5232, 85.7683
YIQ	228.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

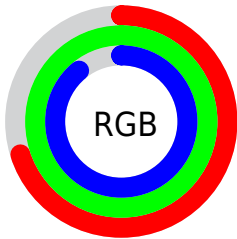
Format	Color
RYB	178, 225, 255
Decimal	11730915
CIELab	94.54, -29.32, 5.87
CIElCh	95, 29.905, 168.679
Yxy	86.5232, 0.2829, 0.3601
Android (android.graphics.Color)	4289920995 (0xFFB2FFE3)
YUV	228.7850, -0.8800, -44.5384
Hunter-Lab	93.0179, -32.3495, 10.4434

Details

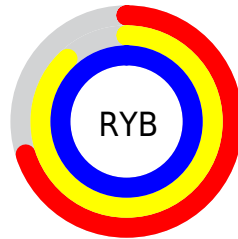
The YIQ color **228.7850, -36.9040, -25.0320** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **204.2150, 36.9040, 25.0320**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.0200, -11.9200, -4.2400**, and **172.6110, -36.3540, -23.9860** is the 20% darker color. If you saturate the color by 10%, you get **219.9850, -49.5110, -33.3430**, and if you desaturate by 10%, it is **237.2860, -24.8930, -16.9330**.

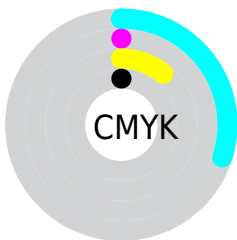
Distribution



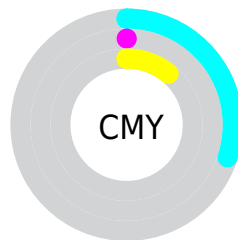
- Red (70%)
- Green (100%)
- Blue (89%)



- Red (70%)
- Yellow (88%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7850, -36.9040, -25.0320 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 228.7850, -36.9040, -25.0320 by changing the saturation by 10% instead.

■ 228.7850,
-36.9040, -25.0320

■ 228.7850,
-36.9040, -25.0320

255.0000, -0.0000,
-0.0000

■ 200.1980,
-36.6290, -24.5090

■ 249.0200,
-11.9200, -4.2400

■ 172.6110,
-36.3540, -23.9860

■ 145.0240,
-36.0790, -23.4630

■ 118.7250,
-36.6750, -23.6750

■ 92.6540, -37.9130,
-23.2650

■ 64.1800, -45.3860,
-25.4980

■ 46.0890, -34.7040,

-20.8480

■ 30.1940, -21.6380,
-15.3500

■ 14.7890, -7.1960,
-12.7640

■ 228.7850,
-36.9040, -25.0320

■ 228.7850,
-36.9040, -25.0320

■ 219.9850,
-49.5110, -33.3430

■ 237.2860,
-24.8930, -16.9330

■ 211.3700,
-61.2010, -41.7530

■ 246.2000,
-12.6070, -8.3110

■ 202.5700,
-73.8080, -50.0640

■ 254.7010, -0.5960,
-0.2120

■ 194.0690,
-85.8190, -58.1630

■ 255.0000, -0.0000,
-0.0000

■ 185.2690,
-98.4260, -66.4740

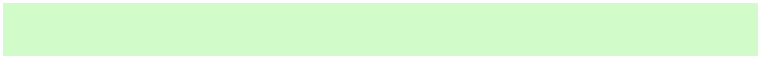
■ 176.6540,
-110.1160, -74.8840

■ 168.1530,
-122.1270, -82.9830

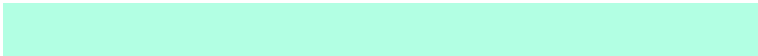
Harmonies

Analogous

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



232.6280, -8.6610, -24.7650



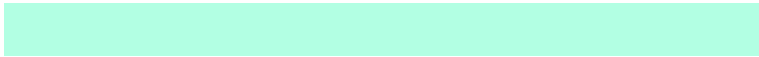
228.7850, -36.9040, -25.0320



225.9970, -57.8120, -20.5640

Triad

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



228.7850, -36.9040, -25.0320



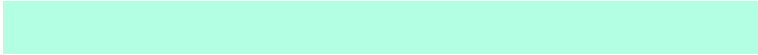
236.0730, -10.2710, 4.4250



230.7780, 26.8680, -2.3480

Complementary

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



228.7850, -36.9040, -25.0320



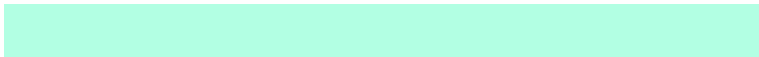
204.2150, 36.9040, 25.0320

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.



230.1060, 20.4930, 8.5650



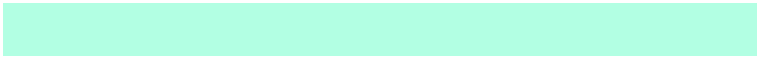
228.7850, -36.9040, -25.0320



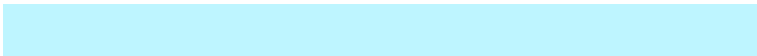
237.9770, 7.9750, 15.1670

Square

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



228.7850, -36.9040, -25.0320



229.6950, -35.9900, -8.5500



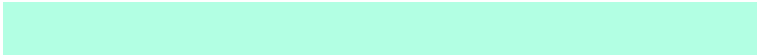
233.9990, 10.9090, 17.0610



234.4650, 28.8870, -11.4090

Rectangle

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



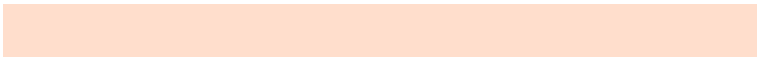
228.7850, -36.9040, -25.0320



225.4100, -57.5370, -20.0410



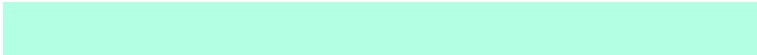
233.9990, 10.9090, 17.0610



229.8150, 25.4460, 1.3980

Sweetspot

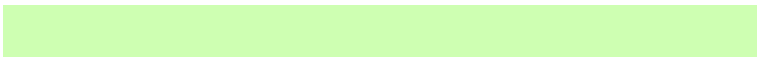
The Sweet Spot groups the original color and five complimentary colors.



228.7850, -36.9040, -25.0320



247.2110, -11.1400, -7.3640



231.5710, -4.4870, -34.3350



122.8310, -7.0140, -5.0460



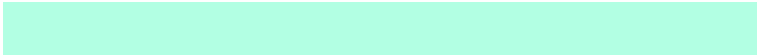
0.0000, 0.0000, 0.0000



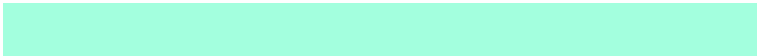
128.0000, -0.0000, -0.0000

Same Dimension

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



228.7850, -36.9040, -25.0320



223.7300, -44.2390, -29.7670



226.1070, -43.1420, -11.0940



123.5430, -6.1430, -4.3110



126.0250, -91.6870, -61.9510



42.2420, -30.7610, -20.7210

Inverse Universe

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



204.2150, 36.9040, 25.0320



194.3840, 43.9180, 30.0780



206.8930, 43.1420, 11.0940



119.3430, 6.4640, 4.0000



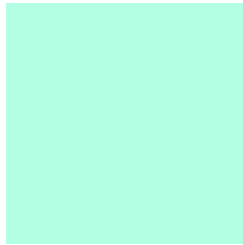
65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 228.7850, -36.9040, -25.0320 looks on a white background.

Color Contrast Check

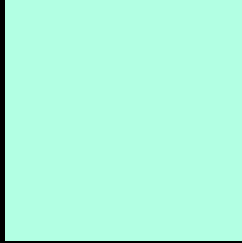
Large Text (above 18pt) WCAG AA × Fail

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 228.7850, -36.9040, -25.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

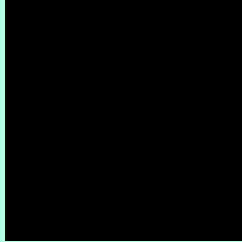
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

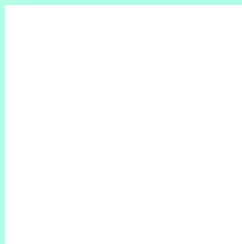
Any Text WCAG AAA ✓ Pass

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

YIQ 228.7850, -36.9040, -25.0320 Background



This preview shows how black text looks on a background with the YIQ color 228.7850, -36.9040, -25.0320.



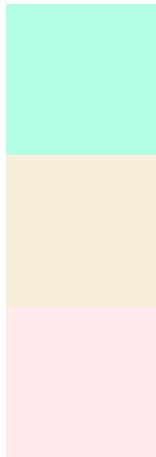
This preview shows how white text looks on a background with the YIQ color 228.7850, -36.9040, -25.0320.

-25.0320.

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

228.7850, -36.9040, -25.0320

Protanopia

238.4110, 11.7840, -4.3120

Deuteranopia

239.6920, 12.7910, 4.9750



Tritanopia

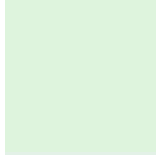
235.9850, -22.0070, -3.1510

Trichromacy



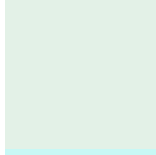
Original Color

228.7850, -36.9040, -25.0320



Protanomaly

234.8000, -5.7290, -11.8170



Deuteranomaly

235.6740, -5.1340, -6.0780



Tritanomaly

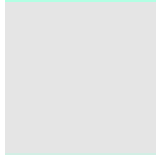
233.3060, -27.6450, -11.1090

Monochromacy



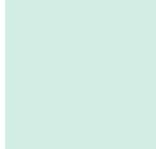
Original Color

228.7850, -36.9040, -25.0320



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.4880, -13.4780, -9.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7850, -36.9040, -25.0320 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(178, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 227)  
}
```

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(178, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 227) }
```

Border

The CSS property to change the border of an element to YIQ 228.7850, -36.9040, -25.0320 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(178, 255, 227) }
```


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

```
.border{ border-color:rgb(178, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7850, -36.9040, -25.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 227) }
```

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

```
.background{ background-color: rgb(178,  
255, 227) }
```

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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