

Converting Colors

YIQ(225.9960, -38.8760,
-22.3320)

Have a look what the booklet for
YIQ(225.9960, -38.8760, -22.3320)
contains.

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Color

**YIQ(225.9960, -38.8760,
-22.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	AFFBE7
RGB	175, 251, 231
RGB Percent	69%, 98%, 91%
CMY	0.3139, 0.0155, 0.0942
CMYK	0.30, 0.00, 0.08, 0.02
HSL	164°, 91%, 84%
HSV	164°, 30%, 98%
XYZ	66.5941, 83.8901, 88.2576
YIQ	225.9960, -38.8760, -22.3320

Conversions

Conversions Part 2

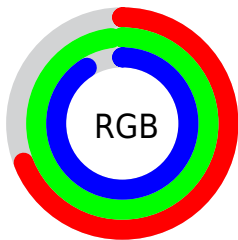
Format	Color
RYB	175, 219, 251
Decimal	11533287
CIELab	93.40, -27.48, 2.15
CIELCh	93, 27.559, 175.531
Yxy	83.8901, 0.2789, 0.3514
Android (android.graphics.Color)	4289723367 (0xFFAFFBE7)
YUV	225.9960, 2.4670, -44.7235
Hunter-Lab	91.5915, -30.5019, 6.9822

Details

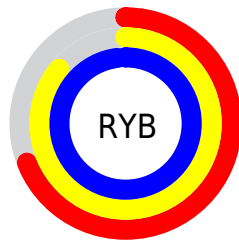
The YIQ color $225.9960, -38.8760, -22.3320$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $200.0040, 38.8760, 22.3320$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, -13.7080, -4.8760$, and $169.7080, -38.0050, -21.5970$ is the 20% darker color. If you saturate the color by 10%, you get $217.7230, -51.5290, -29.8090$, and if you desaturate by 10%, it is $234.2690, -26.2230, -14.8550$.

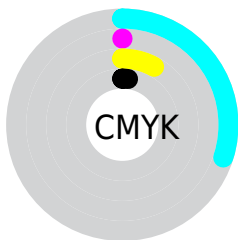
Distribution



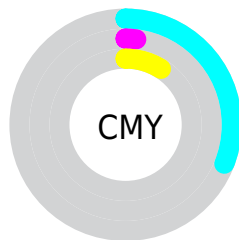
- Red (69%)
- Green (98%)
- Blue (91%)



- Red (69%)
- Yellow (86%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9960, -38.8760, -22.3320 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 225.9960, -38.8760, -22.3320 by changing the saturation by 10% instead.

■ 225.9960,
-38.8760, -22.3320

■ 225.9960,
-38.8760, -22.3320

255.0000, -0.0000,
-0.0000

■ 197.4090,
-38.6010, -21.8090

■ 248.1230,
-13.7080, -4.8760

■ 169.7080,
-38.0050, -21.5970

■ 142.8220,
-38.3260, -21.2860

■ 115.9360,
-38.6470, -20.9750

■ 89.4520, -40.1600,
-21.0880

■ 61.2660, -48.5040,
-24.0560

■ 44.6700, -34.8420,

-18.3460

■ 28.7750, -21.7760,
-12.8480

■ 12.5380, -7.7470,
-8.2830

■ 225.9960,
-38.8760, -22.3320

■ 225.9960,
-38.8760, -22.3320

■ 217.7230,
-51.5290, -29.8090

■ 234.2690,
-26.2230, -14.8550

■ 209.5640,
-64.5030, -36.9750

■ 242.4280,
-13.2490, -7.6890

■ 201.2910,
-77.1560, -44.4520

■ 250.7010, -0.5960,
-0.2120

■ 193.0180,
-89.8090, -51.9290

■ 252.6520, 1.1000,
2.0920

■ 184.5600,
-103.3790, -59.3070

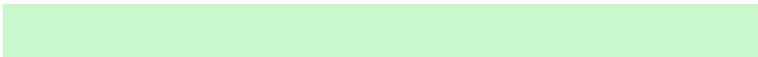
■ 176.2870,
-116.0320, -66.7840

■ 168.4270,
-128.4100, -73.7380

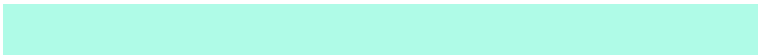
Harmonies

Analogous

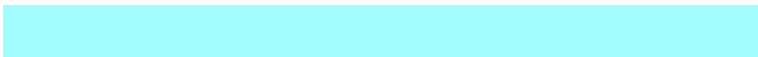
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0450, -14.2090, -23.3370



225.9960, -38.8760, -22.3320



224.8450, -54.3280, -17.6240

Triad

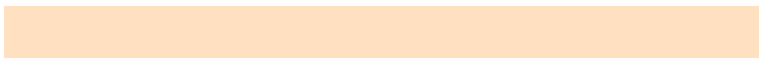
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9960, -38.8760, -22.3320



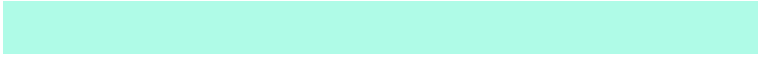
234.9320, -5.3200, 8.3120



229.7350, 28.4270, -3.0690

Complementary

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



225.9960, -38.8760, -22.3320



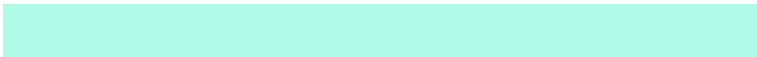
200.0040, 38.8760, 22.3320

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.



228.6070, 23.3360, 6.6000



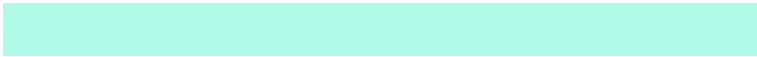
225.9960, -38.8760, -22.3320



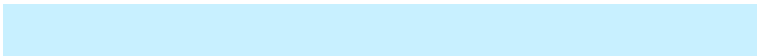
235.6290, 9.0750, 17.2590

Square

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



225.9960, -38.8760, -22.3320



229.7500, -28.6550, -3.8150



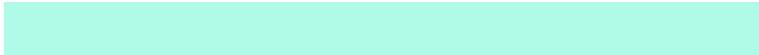
231.0980, 14.9440, 15.5200



233.8780, 29.1620, -10.8860

Rectangle

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



225.9960, -38.8760, -22.3320



224.5680, -51.9900, -15.9420



231.0980, 14.9440, 15.5200



229.2450, 27.0510, -0.1570

Sweetspot

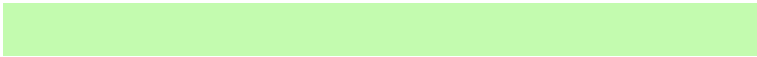
The Sweet Spot groups the original color and five complimentary colors.



225.9960, -38.8760, -22.3320



247.4390, -11.7820, -6.7420



225.5920, -8.9800, -35.5080



123.0590, -7.6560, -4.4240



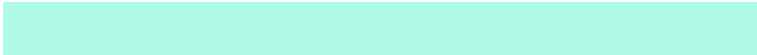
0.0000, 0.0000, 0.0000



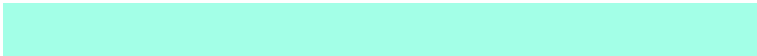
128.0000, -0.0000, -0.0000

Same Dimension

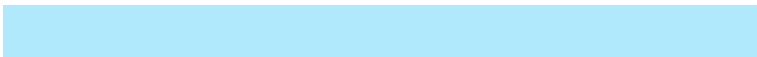
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9960, -38.8760, -22.3320



224.7560, -47.1280, -26.9680



217.7100, -40.3460, -6.6980



120.7710, -6.7850, -3.6890



126.7890, -96.5940, -55.6180



40.9370, -31.2200, -17.9080

Inverse Universe

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



200.0040, 38.8760, 22.3320



193.2440, 47.1280, 26.9680



208.2900, 40.3460, 6.6980



116.3430, 6.4640, 4.0000



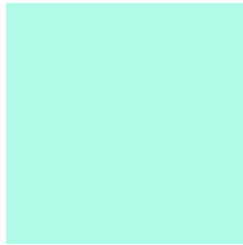
62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 225.9960, -38.8760, -22.3320 looks on a white background.

Color Contrast Check

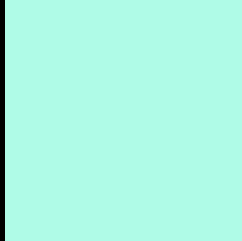
Large Text (above 18pt) WCAG AA × Fail

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 225.9960, -38.8760, -22.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

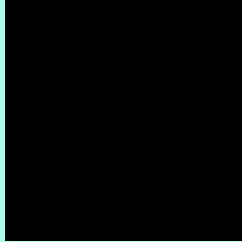
Any Text WCAG AA ✓ Pass

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 225.9960, -38.8760, -22.3320 Background



This preview shows how black text looks on a background with the YIQ color 225.9960, -38.8760, -22.3320.



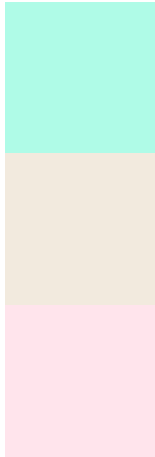
This preview shows how white text looks on a background with the YIQ color 225.9960, -38.8760, -22.3320.

-22.3320.

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

225.9960, -38.8760, -22.3320

Protanopia

235.0240, 8.6200, -2.0360

Deuteranopia

236.9850, 13.5240, 8.2120



Tritanopia

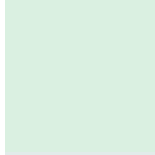
232.1200, -26.8210, -4.0130

Trichromacy



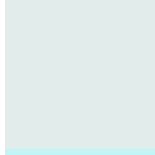
Original Color

225.9960, -38.8760, -22.3320



Protanomaly

231.7120, -8.2970, -9.3290



Deuteranomaly

232.7820, -5.3180, -2.7420



Tritanomaly

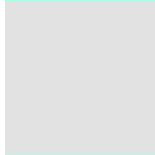
229.5660, -31.3130, -10.7130

Monochromacy



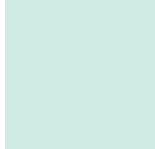
Original Color

225.9960, -38.8760, -22.3320



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

225.8300, -14.4410, -8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9960, -38.8760, -22.3320 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(175, 251, 231)` looks like.

```
.text, #text, p{  
    color:rgb(175, 251, 231)  
}
```

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(175, 251, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 251, 231) }
```

Border

The CSS property to change the border of an element to YIQ 225.9960, -38.8760, -22.3320 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(175, 251, 231) }
```


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

```
.border{ border-color:rgb(175, 251, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 251, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 251, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 251, 231);  
box-shadow:4px 4px 4px 4px rgb(175, 251,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9960, -38.8760, -22.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 251, 231) }
```

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

```
.background{ background-color: rgb(175,  
251, 231) }
```

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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