

Converting Colors

YIQ(228.7250, -27.5070,
-13.6110)

Have a look what the booklet for
YIQ(228.7250, -27.5070, -13.6110)
contains.

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Color

**YIQ(228.7250, -27.5070,
-13.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F5EC
RGB	194, 245, 236
RGB Percent	76%, 96%, 93%
CMY	0.2393, 0.0391, 0.0746
CMYK	0.21, 0.00, 0.04, 0.04
HSL	169°, 72%, 86%
HSV	169°, 21%, 96%
XYZ	70.0352, 82.8374, 91.6350
YIQ	228.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

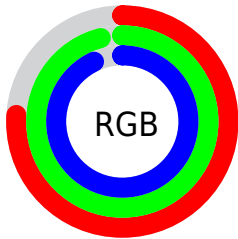
Format	Color
RYB	194, 222, 245
Decimal	12776940
CIELab	92.94, -17.97, -0.99
CIELCh	93, 18.001, 183.165
Yxy	82.8374, 0.2864, 0.3388
Android (android.graphics.Color)	4290967020 (0xFFC2F5EC)
YUV	228.7250, 3.5866, -30.4538
Hunter-Lab	91.0151, -21.9223, 4.0167

Details

The YIQ color **228.7250, -27.5070, -13.6110** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.2750, 27.5070, 13.6110**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **173.0240, -26.9110, -13.3990** is the 20% darker color. If you saturate the color by 10%, you get **220.7940, -41.1230, -20.1550**, and if you desaturate by 10%, it is **236.3570, -14.4870, -7.2790**.

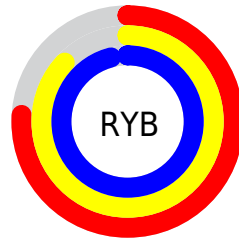
Distribution



Red (76%)

Green (96%)

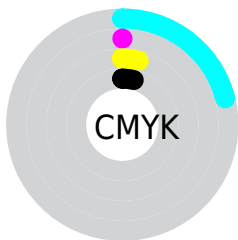
Blue (93%)



Red (76%)

Yellow (87%)

Blue (96%)

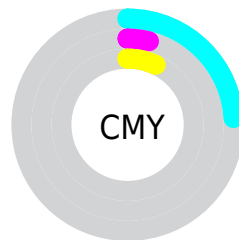


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7250, -27.5070, -13.6110 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 228.7250, -27.5070, -13.6110 by changing the saturation by 10% instead.

■ 228.7250,
-27.5070, -13.6110

■ 228.7250,
-27.5070, -13.6110

■ 255.0000, -0.0000,
-0.0000

■ 200.7250,
-27.5070, -13.6110

■ 253.8040, -2.3840,
-0.8480

■ 173.0240,
-26.9110, -13.3990

■ 146.3230,
-26.3150, -13.1870

■ 120.1490,
-25.7650, -12.1410

■ 95.1490, -25.7650,
-12.1410

■ 70.2630, -26.0860,
-11.8300

■ 46.0670, -28.4700,

-12.6780

■ 27.3560, -21.9140,
-10.3460

■ 12.5210, -9.0770,
-6.2050

■ 228.7250,
-27.5070, -13.6110

■ 228.7250,
-27.5070, -13.6110

■ 220.7940,
-41.1230, -20.1550

■ 236.3570,
-14.4870, -7.2790

■ 213.0480,
-53.8220, -26.7980

■ 244.4020, -1.1920,
-0.4240

■ 205.1170,
-67.4380, -33.3420

■ 248.4460, 4.6760,
3.3640

■ 197.4850,
-80.4580, -39.6740

■ 248.9020, 3.3920,
4.6080

■ 189.4400,
-93.7530, -46.5290

■ 249.1300, 2.7500,
5.2300

■ 181.8080,
-106.7730, -52.8610

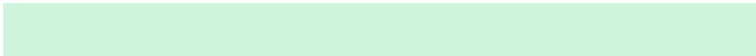
■ 173.8770,
-120.3890, -59.4050

■ 166.8430,
-132.2170, -65.3130

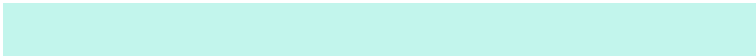
Harmonies

Analogous

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



229.7990, -13.1560, -14.8840



228.7250, -27.5070, -13.6110



228.8800, -35.0730, -8.6490

Triad

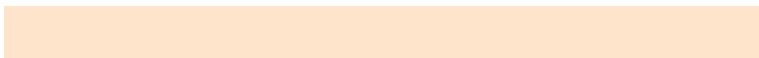
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.7250, -27.5070, -13.6110



235.8400, -2.0650, 9.8950



233.3370, 23.7960, -1.7400

Complementary

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



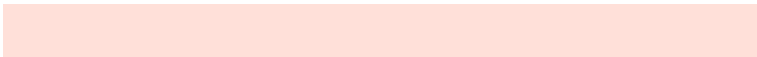
228.7250, -27.5070, -13.6110



210.2750, 27.5070, 13.6110

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.



232.4710, 20.7230, 4.3950



228.7250, -27.5070, -13.6110



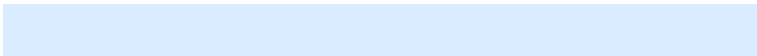
236.9340, 9.5340, 14.4460

Square

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



228.7250, -27.5070, -13.6110



232.7840, -16.8270, 2.0930



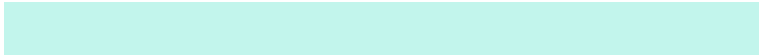
233.7080, 15.8620, 9.8940



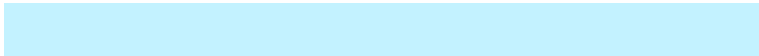
234.0110, 18.6620, -7.8180

Rectangle

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



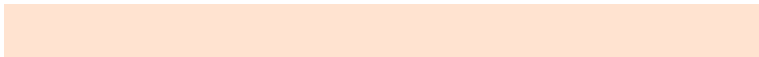
228.7250, -27.5070, -13.6110



229.4290, -32.1850, -5.9210



233.7080, 15.8620, 9.8940



233.2060, 22.7870, 0.0270

Sweetspot

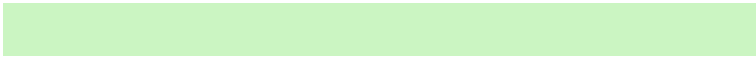
The Sweet Spot groups the original color and five complimentary colors.



228.7250, -27.5070, -13.6110



250.1730, -7.9770, -4.1130



226.6280, -8.6610, -24.7650



125.0810, -4.7220, -2.5300



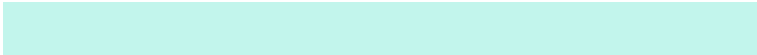
0.0000, 0.0000, 0.0000



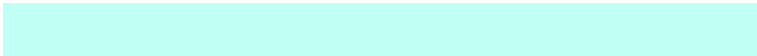
128.0000, -0.0000, -0.0000

Same Dimension

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



228.7250, -27.5070, -13.6110



234.6100, -34.6130, -16.9890



220.3590, -25.9960, -2.4440



118.1840, -6.5100, -3.1660



126.6240, -100.2630, -49.6950



40.1050, -31.6330, -15.9290

Inverse Universe

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



210.2750, 27.5070, 13.6110



211.5040, 34.2920, 17.3000



218.6410, 25.9960, 2.4440



113.8160, 6.5100, 3.1660



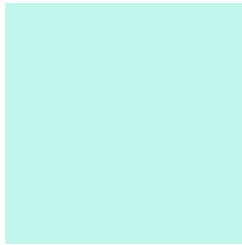
59.3760, 100.2630, 49.6950



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 228.7250, -27.5070, -13.6110 looks on a white background.

Color Contrast Check

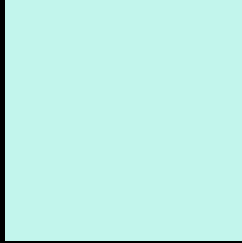
Large Text (above 18pt) WCAG AA × Fail

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 228.7250, -27.5070, -13.6110 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

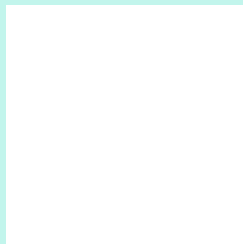
Any Text WCAG AAA ✓ Pass

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

YIQ 228.7250, -27.5070, -13.6110 Background



This preview shows how black text looks on a background with the YIQ color 228.7250, -27.5070, -13.6110.



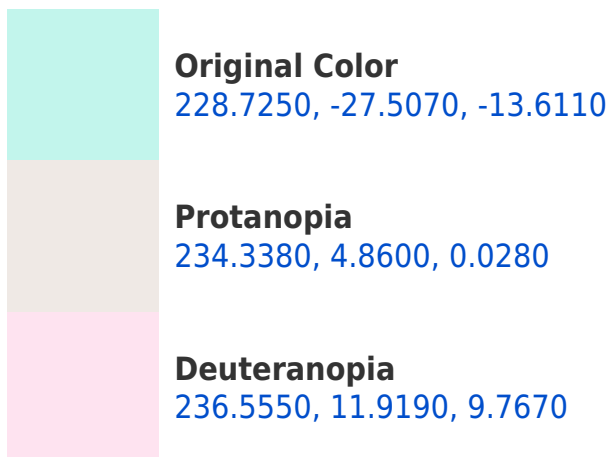
This preview shows how white text looks on a background with the YIQ color 228.7250, -27.5070, -13.6110.

-13.6110.

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

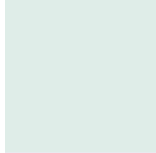
231.8430, -24.4830, -2.3310

Trichromacy



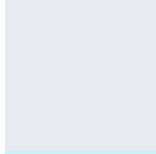
Original Color

228.7250, -27.5070, -13.6110



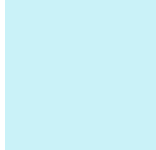
Protanomaly

232.2440, -6.7390, -4.5230



Deuteranomaly

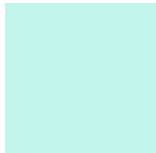
233.9720, -2.7970, 1.1310



Tritanomaly

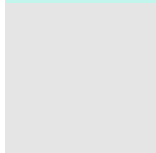
230.7240, -25.7660, -6.6140

Monochromacy



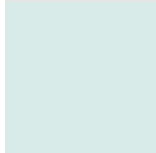
Original Color

228.7250, -27.5070, -13.6110



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.9770, -10.3610, -4.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7250, -27.5070, -13.6110 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(194, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 245, 236)  
}
```

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(194, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 245, 236) }
```

Border

The CSS property to change the border of an element to YIQ 228.7250, -27.5070, -13.6110 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(194, 245, 236) }
```


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

```
.border{ border-color:rgb(194, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 245, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 245, 236); box-shadow:4px 4px 4px 4px rgb(194, 245, 236) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7250, -27.5070, -13.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 245, 236) }
```

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

```
.background{ background-color: rgb(194,  
245, 236) }
```

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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