

Converting Colors

YIQ(225.8870, -27.7830,
-8.6070)

Have a look what the booklet for
YIQ(225.8870, -27.7830, -8.6070)
contains.

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Color

**YIQ(225.8870, -27.7830,
-8.6070)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C2EFF2 |
| RGB | 194, 239, 242 |
| RGB Percent | 76%, 94%, 95% |
| CMY | 0.2393, 0.0627, 0.0511 |
| CMYK | 0.20, 0.01, 0.00, 0.05 |
| HSL | 184°, 65%, 85% |
| HSV | 184°, 20%, 95% |
| XYZ | 69.1360, 79.6190, 95.7059 |
| YIQ | 225.8870, -27.7830, -8.6070 |

Conversions

Conversions Part 2

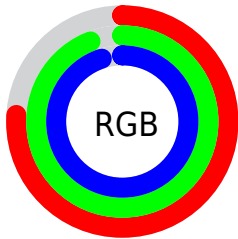
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 217, 242 |
| Decimal | 12775410 |
| CIELab | 91.51, -13.75, -6.21 |
| CIELCh | 92, 15.092, 204.316 |
| Yxy | 79.6190, 0.2828, 0.3257 |
| Android (android.graphics.Color) | 4290965490 (0xFFC2EFF2) |
| YUV | 225.8870, 7.9437, -27.9649 |
| Hunter-Lab | 89.2295, -17.8477, -1.1328 |

Details

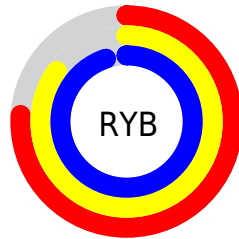
The YIQ color **225.8870, -27.7830, -8.6070** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.1130, 27.7830, 8.6070**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **170.1860, -27.1870, -8.3950** is the 20% darker color. If you saturate the color by 10%, you get **218.1240, -41.8120, -13.1720**, and if you desaturate by 10%, it is **234.2370, -14.0290, -4.5650**.

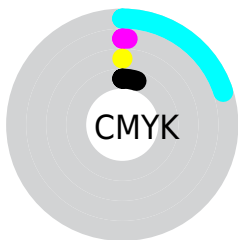
Distribution



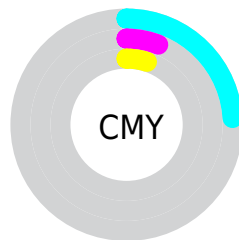
- Red (76%)
- Green (94%)
- Blue (95%)



- Red (76%)
- Yellow (85%)
- Blue (95%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8870, -27.7830, -8.6070 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 225.8870, -27.7830, -8.6070 by changing the saturation by 10% instead.

■ 225.8870,
-27.7830, -8.6070

■ 225.8870,
-27.7830, -8.6070

■ 255.0000, -0.0000,
-0.0000

■ 197.8870,
-27.7830, -8.6070

■ 253.8040, -2.3840,
-0.8480

■ 170.1860,
-27.1870, -8.3950

■ 143.4850,
-26.5910, -8.1830

■ 117.7840,
-25.9950, -7.9710

■ 92.7840, -25.9950,
-7.9710

■ 68.3710, -26.2700,
-8.4940

■ 43.8870, -27.7830,

-8.6070

■ 25.5780, -22.4190,
-6.6990

■ 8.5090, -8.8030,
-0.1550

■ 225.8870,
-27.7830, -8.6070

■ 225.8870,
-27.7830, -8.6070

■ 218.1240,
-41.8120, -13.1720

■ 234.2370,
-14.0290, -4.5650

■ 209.7740,
-55.5660, -17.2140

■ 242.0000, -0.0000,
0.0000

■ 201.7120,
-70.1910, -21.9910

■ 246.4740, 7.4730,
2.2330

■ 193.3620,
-83.9450, -26.0330

■ 247.6480, 6.9230,
1.1870

■ 185.5990,
-97.9740, -30.5980

■ 248.2350, 6.6480,
0.6640

■ 177.2490,
-111.7280, -34.6400

■ 249.4090, 6.0980,
-0.3820

■ 169.4860,
-125.7570, -39.2050

■ 249.9960, 5.8230,
-0.9050

■ 160.8370,
-140.1070, -43.4590

■ 251.1700, 5.2730,
-1.9510

■ 251.7570, 4.9980,
-2.4740

Harmonies

Analogous

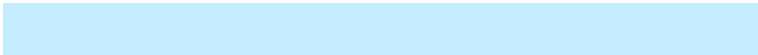
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.9710, -19.3920, -12.0000



225.8870, -27.7830, -8.6070



227.2770, -28.7010, -2.9810

Triad

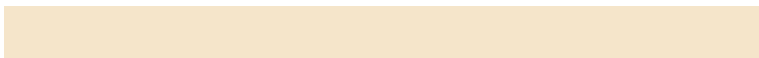
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.8870, -27.7830, -8.6070



233.6130, 6.0040, 12.3400



230.7060, 18.2030, -5.0050

Complementary

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



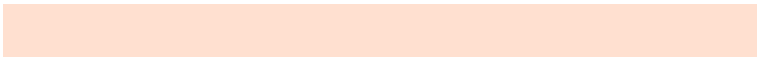
225.8870, -27.7830, -8.6070



210.1130, 27.7830, 8.6070

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.



231.4450, 23.6120, 1.5960



225.8870, -27.7830, -8.6070



232.6480, 16.0910, 11.2510

Square

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



225.8870, -27.7830, -8.6070



231.6760, -7.4750, 8.8210



230.9380, 20.9060, 6.5860



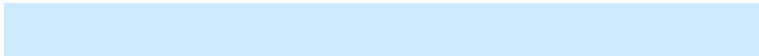
228.7970, 7.5210, -9.6550

Rectangle

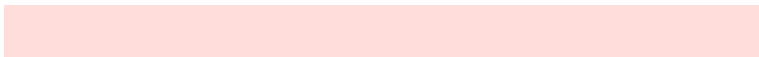
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



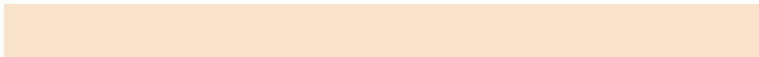
225.8870, -27.7830, -8.6070



228.3210, -22.8330, 0.8070



230.9380, 20.9060, 6.5860



231.1410, 21.4120, -2.5880

Sweetspot

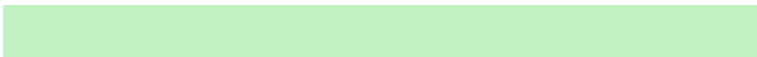
The Sweet Spot groups the original color and five complimentary colors.



225.8870, -27.7830, -8.6070



249.9280, -8.6650, -2.6570



222.4040, -13.8420, -24.4820



124.7220, -5.0890, -1.3850



0.0000, 0.0000, 0.0000



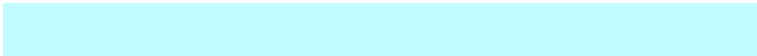
128.0000, -0.0000, -0.0000

Same Dimension

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



225.8870, -27.7830, -8.6070



234.4130, -35.2560, -10.8400



212.3860, -21.4580, 3.4220



115.8250, -6.8770, -2.0210



121.9400, -106.3640, -32.7320



37.4950, -32.5510, -10.3030

Inverse Universe

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



213.4820, 14.1630, 24.1710



218.7370, 18.0590, 30.6590



223.6140, 21.4580, -3.4220



112.8420, 3.6210, 5.9650



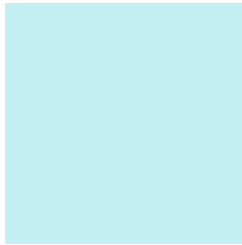
74.6240, 54.4520, 92.5000



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 225.8870, -27.7830, -8.6070 looks on a white background.

Color Contrast Check

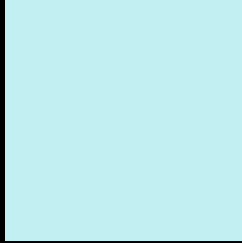
Large Text (above 18pt) WCAG AA × Fail

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 225.8870, -27.7830, -8.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

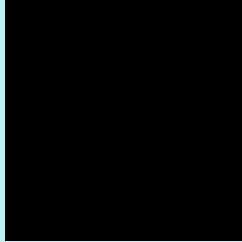
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.8870, -27.7830, -8.6070

Background



This preview shows how black text looks on a background with the YIQ color 225.8870, -27.7830, -8.6070.



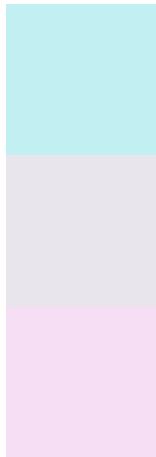
This preview shows how white text looks on a background with the YIQ color 225.8870, -27.7830, -8.6070.

-8.6070.

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

225.8870, -27.7830, -8.6070

Protanopia

230.6950, -0.4590, 2.8130

Deuteranopia

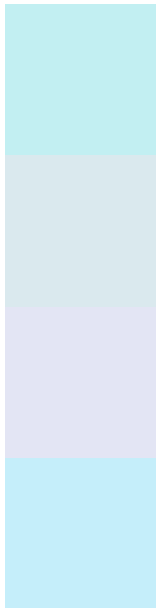
232.3850, 6.6460, 11.7180



Tritanopia

227.3910, -29.0220, -2.6700

Trichromacy



Original Color

225.8870, -27.7830, -8.6070

Protanomaly

229.0850, -10.5450, -1.6250

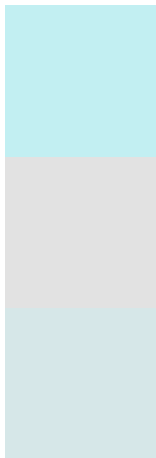
Deuteranomaly

230.1120, -6.0070, 4.2410

Tritanomaly

227.1090, -28.2880, -4.9600

Monochromacy



Original Color

225.8870, -27.7830, -8.6070

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8870, -27.7830, -8.6070 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, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 239, 242)  
}
```

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, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 239, 242) }
```

Border

The CSS property to change the border of an element to YIQ 225.8870, -27.7830, -8.6070 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, 239, 242) }
```


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

```
.border{ border-color:rgb(194, 239, 242) }
```

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

Here you see how a box with a 4 pixel rgb(194, 239, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 239,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8870, -27.7830, -8.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 239, 242) }
```

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

```
.background{ background-color: rgb(194,  
239, 242) }
```

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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