

Converting Colors

YIQ(217.2770, -28.7010,
-2.9810)

Have a look what the booklet for
YIQ(217.2770, -28.7010, -2.9810)
contains.

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Color

**YIQ(217.2770, -28.7010,
-2.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE3F4
RGB	188, 227, 244
RGB Percent	74%, 89%, 96%
CMY	0.2628, 0.1097, 0.0433
CMYK	0.23, 0.07, 0.00, 0.04
HSL	198°, 72%, 85%
HSV	198°, 23%, 96%
XYZ	64.5317, 72.1656, 96.0903
YIQ	217.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

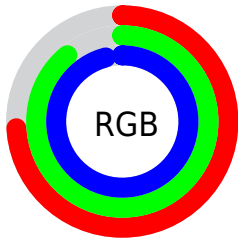
Format	Color
R_{YB}	188, 211, 244
Decimal	12379124
CIE _{Lab}	88.05, -9.03, -12.45
CIE _{LCh}	88, 15.375, 234.042
Yxy	72.1656, 0.2772, 0.3100
Android (android.graphics.Color)	4290569204 (0xFFBCE3F4)
YUV	217.2770, 13.1744, -25.6759
Hunter-Lab	84.9503, -13.0673, -7.5998

Details

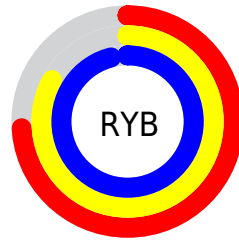
The YIQ color $217.2770, -28.7010, -2.9810$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.7230, 28.7010, 2.9810$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $162.4620, -27.7840, -3.0800$ is the 20% darker color. If you saturate the color by 10%, you get $205.9920, -41.0800, -4.4080$, and if you desaturate by 10%, it is $228.5620, -16.3220, -1.5540$.

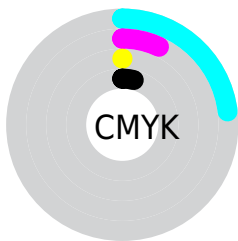
Distribution



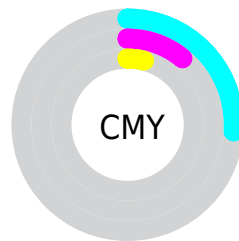
- Red (74%)
- Green (89%)
- Blue (96%)



- Red (74%)
- Yellow (83%)
- Blue (96%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2770, -28.7010, -2.9810 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 217.2770, -28.7010, -2.9810 by changing the saturation by 10% instead.

■ 217.2770,
-28.7010, -2.9810

■ 217.2770,
-28.7010, -2.9810

■ 255.0000, -0.0000,
-0.0000

■ 189.2770,
-28.7010, -2.9810

■ 252.0100, -5.9600,
-2.1200

■ 162.4620,
-27.7840, -3.0800

■ 135.7610,
-27.1880, -2.8680

■ 109.7610,
-27.1880, -2.8680

■ 85.2340, -27.1420,
-3.7020

■ 60.9350, -27.7380,
-3.9140

■ 37.0270, -30.9930,

-5.4970

■ 20.9960, -20.5400,
-2.2040

■ 2.7530, -6.3740,
5.3860

■ 217.2770,
-28.7010, -2.9810

■ 217.2770,
-28.7010, -2.9810

■ 205.9920,
-41.0800, -4.4080

■ 228.5620,
-16.3220, -1.5540

■ 193.8210,
-53.7800, -5.5240

■ 240.7330, -3.6220,
-0.4380

■ 182.5360,
-66.1590, -6.9510

■ 250.2240, 5.1810,
-0.2830

■ 170.3650,
-78.8590, -8.0670

■ 253.7460, 3.5310,
-3.4210

■ 159.0800,
-91.2380, -9.4940

■ 147.7950,
-103.6170, -10.9210

■ 135.6240,
-116.3170, -12.0370

■ 127.6060,
-125.0740, -13.0260

Harmonies

Analogous

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



215.8870, -27.7830, -8.6070



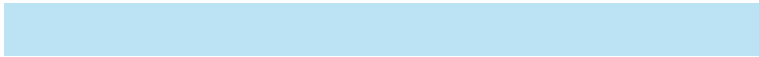
217.2770, -28.7010, -2.9810



219.7990, -21.1830, 3.9450

Triad

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



217.2770, -28.7010, -2.9810



223.8440, 18.4750, 12.0990



219.3840, 7.2460, -10.1780

Complementary

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



217.2770, -28.7010, -2.9810



214.7230, 28.7010, 2.9810

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.



221.0050, 18.7990, -4.7930



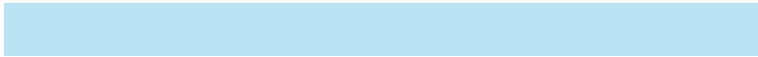
217.2770, -28.7010, -2.9810



223.1450, 24.7570, 8.3810

Square

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



217.2770, -28.7010, -2.9810



223.6130, 6.0040, 12.3400



222.3420, 25.4000, 2.2320



217.0880, -6.6000, -12.5520

Rectangle

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



217.2770, -28.7010, -2.9810



221.5120, -12.8850, 7.7470



222.3420, 25.4000, 2.2320



219.4770, 11.4180, -8.6940

Sweetspot

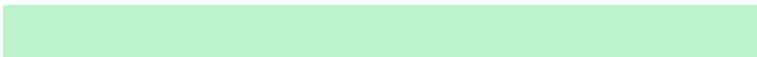
The Sweet Spot groups the original color and five complimentary colors.



217.2770, -28.7010, -2.9810



246.6830, -9.3530, -1.2010



222.8100, -20.8570, -24.0010



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000



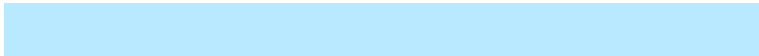
128.0000, -0.0000, -0.0000

Same Dimension

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



217.2770, -28.7010, -2.9810



220.8570, -36.2660, -3.5460



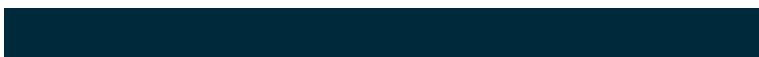
200.8410, -21.0010, 11.6630



116.6510, -6.3270, -0.9750



97.5140, -95.4560, -10.1440



30.7930, -30.2140, -3.0940

Inverse Universe

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



209.1900, 20.8570, 24.0010



210.8150, 26.5870, 30.2910



231.1590, 21.0010, -11.6630



114.6140, 4.2630, 5.3430



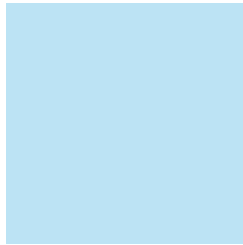
70.4340, 69.1260, 79.8620



22.3150, 22.0030, 25.2590

Previews

White Background



This preview shows how the YIQ color 217.2770, -28.7010, -2.9810 looks on a white background.

Color Contrast Check

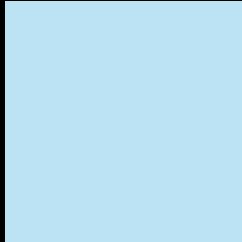
Large Text (above 18pt) WCAG AA × Fail

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 217.2770, -28.7010, -2.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

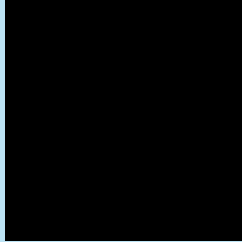
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.2770, -28.7010, -2.9810

Background



This preview shows how black text looks on a background with the YIQ color 217.2770, -28.7010, -2.9810.



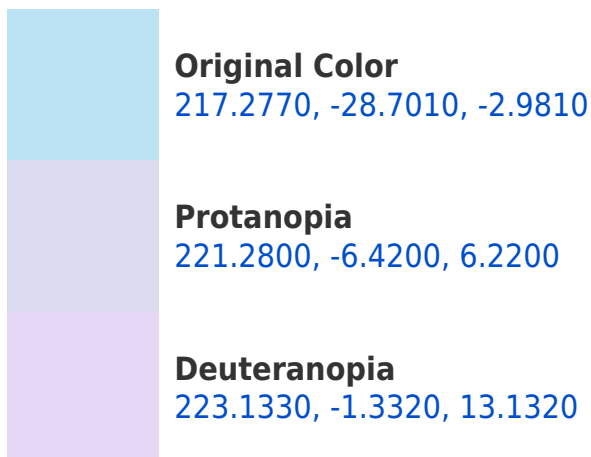
This preview shows how white text looks on a background with the YIQ color 217.2770, -28.7010, -2.9810.

-2.9810.

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

217.3910, -29.0220, -2.6700

Trichromacy



Original Color

217.2770, -28.7010, -2.9810

Protanomaly

219.9800, -14.4430, 2.9410

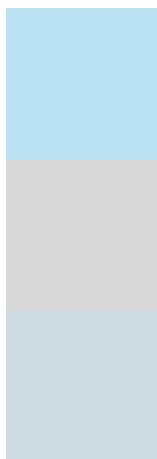
Deuteranomaly

220.8820, -11.0510, 7.5490

Tritanomaly

217.3910, -29.0220, -2.6700

Monochromacy



Original Color

217.2770, -28.7010, -2.9810

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.1990, -10.8660, -1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2770, -28.7010, -2.9810 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(188, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(188, 227, 244)  
}
```

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(188, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 227, 244) }
```

Border

The CSS property to change the border of an element to YIQ 217.2770, -28.7010, -2.9810 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(188, 227, 244) }
```


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

```
.border{ border-color:rgb(188, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(188, 227,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2770, -28.7010, -2.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 227, 244) }
```

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

```
.background{ background-color: rgb(188,  
227, 244) }
```

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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