

Converting Colors

YIQ(209.4750, -29.7990,
-16.1270)

Have a look what the booklet for
YIQ(209.4750, -29.7990, -16.1270)
contains.

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Color

**YIQ(209.4750, -29.7990,
-16.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE4D7
RGB	171, 228, 215
RGB Percent	67%, 89%, 84%
CMY	0.3295, 0.1058, 0.1570
CMYK	0.25, 0.00, 0.06, 0.11
HSL	166°, 51%, 78%
HSV	166°, 25%, 89%
XYZ	56.7988, 69.0587, 74.6074
YIQ	209.4750, -29.7990, -16.1270

Conversions

Conversions Part 2

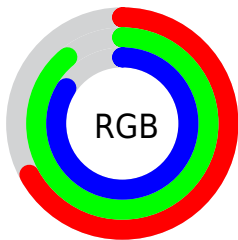
Format	Color
RYB	171, 203, 228
Decimal	11265239
CIELab	86.53, -20.80, 0.46
CIELCh	87, 20.808, 178.733
Yxy	69.0587, 0.2833, 0.3445
Android (android.graphics.Color)	4289455319 (0xFFABE4D7)
YUV	209.4750, 2.7238, -33.7426
Hunter-Lab	83.1015, -23.4254, 4.9413

Details

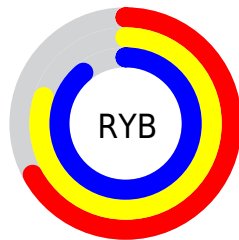
The YIQ color $209.4750, -29.7990, -16.1270$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.5250, 29.7990, 16.1270$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6280, -16.6880, -5.9360$, and $154.1870, -28.9280, -15.3920$ is the 20% darker color. If you saturate the color by 10%, you get $202.0280, -41.9020, -22.5580$, and if you desaturate by 10%, it is $216.9220, -17.6960, -9.6960$.

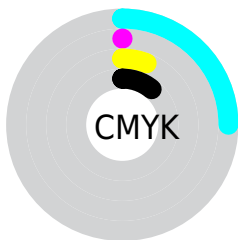
Distribution



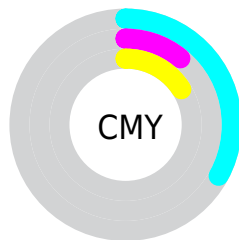
- Red (67%)
- Green (89%)
- Blue (84%)



- Red (67%)
- Yellow (80%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.4750, -29.7990, -16.1270 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 209.4750, -29.7990, -16.1270 by changing the saturation by 10% instead.

■ 209.4750,
-29.7990, -16.1270

■ 209.4750,
-29.7990, -16.1270

■ 255.0000, -0.0000,
-0.0000

■ 181.7740,
-29.2030, -15.9150

■ 246.6280,
-16.6880, -5.9360

■ 154.1870,
-28.9280, -15.3920

■ 128.1870,
-28.9280, -15.3920

■ 102.6000,
-28.6530, -14.8690

■ 77.7140, -28.9740,
-14.5580

■ 52.3330, -32.2750,
-15.3070

■ 32.7360, -26.0400,

-12.6640

■ 19.1890, -14.0740,
-9.2580

■ 0.0000, 0.0000,
0.0000

■ 209.4750,
-29.7990, -16.1270

■ 209.4750,
-29.7990, -16.1270

■ 202.0280,
-41.9020, -22.5580

■ 216.9220,
-17.6960, -9.6960

■ 194.5810,
-54.0050, -28.9890

■ 224.3690, -5.5930,
-3.2650

■ 187.3190,
-65.1910, -35.5190

■ 231.6310, 5.5930,
3.2650

■ 179.8720,
-77.2940, -41.9500

■ 236.9850, 13.5240,
8.2120

■ 172.4250,
-89.3970, -48.3810

■ 237.5550, 11.9190,
9.7670

■ 164.9780,
-101.5000, -54.8120

■ 238.1250, 10.3140,
11.3220

■ 157.4170,
-113.2820, -61.5540

■ 238.6950, 8.7090,
12.8770

■ 153.9000,
-119.1960, -64.5080

■ 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



211.5170, -12.4220, -17.1740



209.4750, -29.7990, -16.1270



209.0750, -40.1160, -10.8680

Triad

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



209.4750, -29.7990, -16.1270



218.5390, -8.3470, 13.6130



218.4090, 32.4610, 0.9170

Complementary

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



209.4750, -29.7990, -16.1270



189.5250, 29.7990, 16.1270

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.



218.5650, 32.3220, 8.9460



209.4750, -29.7990, -16.1270



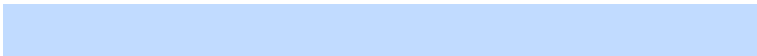
220.2980, 11.5050, 17.2730

Square

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



209.4750, -29.7990, -16.1270



215.3300, -27.0520, 5.6840



220.2580, 26.1770, 15.6890



216.0500, 22.9260, -8.0020

Rectangle

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



209.4750, -29.7990, -16.1270



210.8240, -40.6670, -6.3870



220.2580, 26.1770, 15.6890



218.5880, 33.5150, 3.8430

Sweetspot

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



209.4750, -29.7990, -16.1270



248.4500, -10.3150, -5.7950



208.3460, -7.9270, -27.0550



123.7710, -6.7850, -3.6890



0.0000, 0.0000, 0.0000



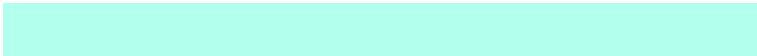
128.0000, -0.0000, -0.0000

Same Dimension

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



209.4750, -29.7990, -16.1270



230.2240, -39.5180, -21.7100



202.1520, -29.8470, -4.2390



111.0700, -6.1890, -3.4770



120.8050, -93.5230, -50.6990



34.3830, -26.5440, -14.5440

Inverse Universe

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



189.5250, 29.7990, 16.1270



203.6620, 39.8390, 21.3990



196.8480, 29.8470, 4.2390



106.9300, 6.1890, 3.4770



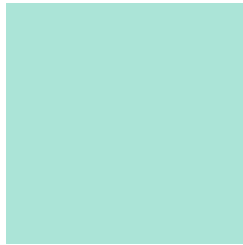
58.1950, 93.5230, 50.6990



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 209.4750, -29.7990, -16.1270 looks on a white background.

Color Contrast Check

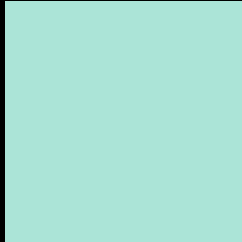
Large Text (above 18pt) WCAG AA × Fail

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 209.4750, -29.7990, -16.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

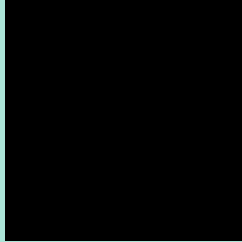
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

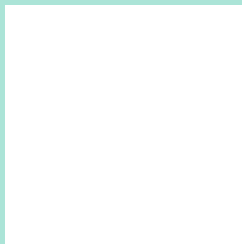
Any Text WCAG AAA ✓ Pass

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

YIQ 209.4750, -29.7990, -16.1270 Background



This preview shows how black text looks on a background with the YIQ color 209.4750, -29.7990, -16.1270.



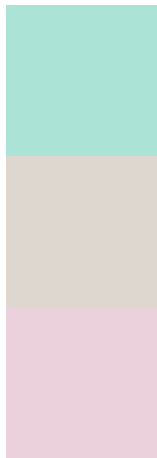
This preview shows how white text looks on a background with the YIQ color 209.4750, -29.7990, -16.1270.

-16.1270.

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

209.4750, -29.7990, -16.1270

Protanopia

216.2950, 6.4190, -0.6930

Deuteranopia

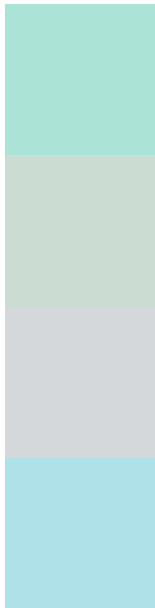
217.9140, 12.2860, 8.6220



Tritanopia

211.9990, -33.7900, -4.3660

Trichromacy



Original Color

209.4750, -29.7990, -16.1270

Protanomaly

213.8910, -7.2430, -6.4030

Deuteranomaly

215.0320, -3.0260, -0.2260

Tritanomaly

210.8480, -32.0470, -8.4230

Monochromacy



Original Color

209.4750, -29.7990, -16.1270

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1510, -10.9110, -6.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4750, -29.7990, -16.1270 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(171, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(171, 228, 215)  
}
```

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(171, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 228, 215) }
```

Border

The CSS property to change the border of an element to YIQ 209.4750, -29.7990, -16.1270 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(171, 228, 215) }
```


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

```
.border{ border-color:rgb(171, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(171, 228,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4750, -29.7990, -16.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 228, 215) }
```

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

```
.background{ background-color: rgb(171,  
228, 215) }
```

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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