

Converting Colors

YIQ(209.6730, -29.7560,
-0.3800)

Have a look what the booklet for
YIQ(209.6730, -29.7560, -0.3800)
contains.

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Color

**YIQ(209.6730, -29.7560,
-0.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DAF2
RGB	181, 218, 242
RGB Percent	71%, 85%, 95%
CMY	0.2903, 0.1450, 0.0511
CMYK	0.25, 0.10, 0.00, 0.05
HSL	204°, 70%, 83%
HSV	204°, 25%, 95%
XYZ	60.1489, 66.3811, 93.6196
YIQ	209.6730, -29.7560, -0.3800

Conversions

Conversions Part 2

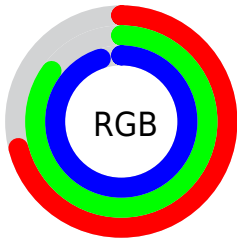
Format	Color
RYB	181, 204, 242
Decimal	11918066
CIELab	85.19, -6.89, -15.71
CIELCh	85, 17.159, 246.315
Yxy	66.3811, 0.2732, 0.3015
Android (android.graphics.Color)	4290108146 (0xFFB5DAF2)
YUV	209.6730, 15.9372, -25.1462
Hunter-Lab	81.4746, -10.8023, -11.0958

Details

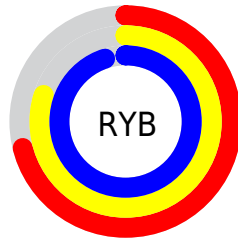
The YIQ color $209.6730, -29.7560, -0.3800$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $213.3270, 29.7560, 0.3800$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $154.8580, -28.8390, -0.4790$ is the 20% darker color. If you saturate the color by 10%, you get $197.2140, -41.5850, -0.7610$, and if you desaturate by 10%, it is $222.7190, -18.2020, -0.5220$.

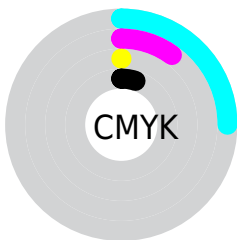
Distribution



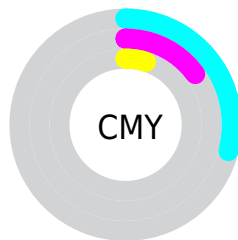
- Red (71%)
- Green (85%)
- Blue (95%)



- Red (71%)
- Yellow (80%)
- Blue (95%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.6730, -29.7560, -0.3800 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 209.6730, -29.7560, -0.3800 by changing the saturation by 10% instead.

■ 209.6730,
-29.7560, -0.3800

■ 209.6730,
-29.7560, -0.3800

■ 255.0000, -0.0000,
-0.0000

■ 181.9720,
-29.1600, -0.1680

■ 249.9170,
-10.1320, -3.6040

■ 154.8580,
-28.8390, -0.4790

■ 128.7440,
-28.5180, -0.7900

■ 103.3310,
-28.7930, -1.3130

■ 78.2170, -28.4720,
-1.6240

■ 54.2060, -29.9390,
-2.5710

■ 31.4940, -30.8100,

-3.3060

■ 17.2460, -18.2480,
0.3120

■ 2.5250, -5.7320,
4.7640

■ 209.6730,
-29.7560, -0.3800

■ 209.6730,
-29.7560, -0.3800

■ 197.2140,
-41.5850, -0.7610

■ 222.7190,
-18.2020, -0.5220

■ 184.1680,
-53.1390, -0.6190

■ 235.1780, -6.3730,
-0.1410

■ 171.4100,
-65.5640, -1.2120

■ 248.5230, 5.7770,
-0.0710

■ 158.3640,
-77.1180, -1.0700

■ 253.5180, 4.1730,
-4.0430

■ 145.9050,
-88.9470, -1.4510

■ 132.8590,
-100.5010, -1.3090

■ 120.4000,
-112.3300, -1.6900

■ 113.8770,
-118.1070, -1.6190

Harmonies

Analogous

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



207.1900, -33.0100, -7.4900



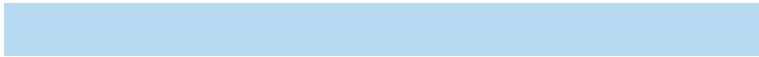
209.6730, -29.7560, -0.3800



212.4620, -18.6160, 6.9840

Triad

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



209.6730, -29.7560, -0.3800



216.0680, 23.6560, 11.8160



210.1660, 1.9280, -12.9200

Complementary

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



209.6730, -29.7560, -0.3800



213.3270, 29.7560, 0.3800

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.



212.0430, 15.6360, -8.0440



209.6730, -29.7560, -0.3800



214.8310, 28.5170, 6.3170

Square

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



209.6730, -29.7560, -0.3800



215.7880, 12.8810, 14.3610



213.6470, 25.8590, -0.5810



208.0270, -13.7980, -14.2620

Rectangle

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



209.6730, -29.7560, -0.3800



213.9580, -8.2090, 11.1110



213.6470, 25.8590, -0.5810



210.5580, 6.6960, -11.2240

Sweetspot

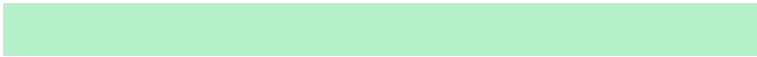
The Sweet Spot groups the original color and five complimentary colors.



209.6730, -29.7560, -0.3800



244.3240, -9.7200, -0.0560



219.4290, -24.1580, -24.7500



120.5910, -6.0980, 0.3820



0.0000, 0.0000, 0.0000



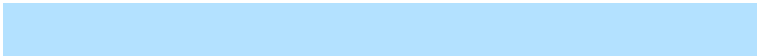
128.0000, -0.0000, -0.0000

Same Dimension

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



209.6730, -29.7560, -0.3800



214.6660, -37.0460, -0.4220



192.0630, -21.5060, 15.3100



113.4770, -5.7770, 0.0710



86.7200, -89.8640, -1.3520



26.3420, -27.3260, -0.3660

Inverse Universe

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



203.4570, 24.4790, 24.4390



206.9680, 30.5300, 30.4180



230.9370, 21.5060, -15.3100



112.3860, 4.9050, 4.7210



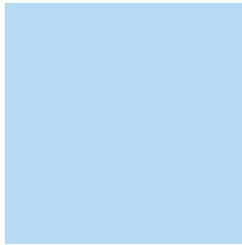
67.7840, 73.7120, 73.8400



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 209.6730, -29.7560, -0.3800 looks on a white background.

Color Contrast Check

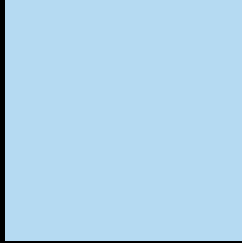
Large Text (above 18pt) WCAG AA × Fail

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 209.6730, -29.7560, -0.3800 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

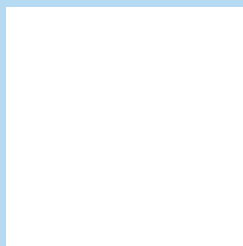
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.6730, -29.7560, -0.3800

Background



This preview shows how black text looks on a background with the YIQ color 209.6730, -29.7560, -0.3800.



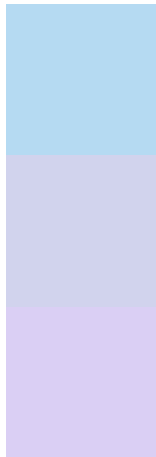
This preview shows how white text looks on a background with the YIQ color 209.6730, -29.7560, -0.3800.

-0.3800.

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

209.6730, -29.7560, -0.3800

Protanopia

213.3660, -9.5380, 7.6620

Deuteranopia

214.5070, -5.3210, 13.8390



Tritanopia

209.2770, -28.7010, -2.9810

Trichromacy



Original Color

209.6730, -29.7560, -0.3800

Protanomaly

212.3650, -16.9650, 4.5950

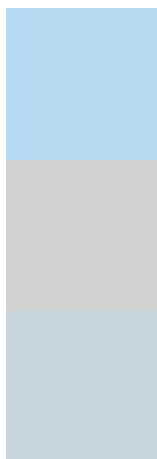
Deuteranomaly

212.8540, -13.8480, 8.6800

Tritanomaly

209.5050, -29.3430, -2.3590

Monochromacy



Original Color

209.6730, -29.7560, -0.3800

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8400, -11.2330, -0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6730, -29.7560, -0.3800 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(181, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 218, 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(181, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 218, 242) }
```

Border

The CSS property to change the border of an element to YIQ 209.6730, -29.7560, -0.3800 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(181, 218, 242) }
```


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

```
.border{ border-color:rgb(181, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 218,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6730, -29.7560, -0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 218, 242) }
```

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

```
.background{ background-color: rgb(181,  
218, 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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