

Converting Colors

YIQ(212.1040, -29.8920,
-8.9320)

Have a look what the booklet for
YIQ(212.1040, -29.8920, -8.9320)
contains.

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Color

**YIQ(212.1040, -29.8920,
-8.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E2E6
RGB	178, 226, 230
RGB Percent	70%, 89%, 90%
CMY	0.3021, 0.1136, 0.0982
CMYK	0.23, 0.02, 0.00, 0.10
HSL	185°, 51%, 80%
HSV	185°, 23%, 90%
XYZ	59.8340, 69.5767, 85.1161
YIQ	212.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

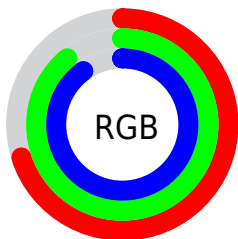
Format	Color
RYB	178, 203, 230
Decimal	11723494
CIELab	86.79, -14.53, -7.02
CIElCh	87, 16.138, 205.770
Yxy	69.5767, 0.2789, 0.3243
Android (android.graphics.Color)	4289913574 (0xFFB2E2E6)
YUV	212.1040, 8.8227, -29.9092
Hunter-Lab	83.4127, -17.9297, -2.1120

Details

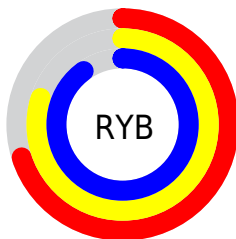
The YIQ color $212.1040, -29.8920, -8.9320$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.8960, 29.8920, 8.9320$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $157.4030, -29.2960, -8.7200$ is the 20% darker color. If you saturate the color by 10%, you get $204.0530, -43.0500, -12.7620$, and if you desaturate by 10%, it is $220.1550, -16.7340, -5.1020$.

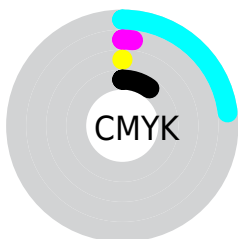
Distribution



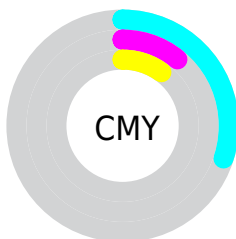
- Red (70%)
- Green (89%)
- Blue (90%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.1040, -29.8920, -8.9320 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 212.1040, -29.8920, -8.9320 by changing the saturation by 10% instead.

■ 212.1040,
-29.8920, -8.9320

■ 212.1040,
-29.8920, -8.9320

■ 255.0000, -0.0000,
-0.0000

■ 184.4030,
-29.2960, -8.7200

■ 249.0200,
-11.9200, -4.2400

■ 157.4030,
-29.2960, -8.7200

■ 130.7020,
-28.7000, -8.5080

■ 105.0010,
-28.1040, -8.2960

■ 80.5880, -28.3790,
-8.8190

■ 56.1040, -29.8920,
-8.9320

■ 33.4030, -29.2960,

-8.7200

■ 19.2690, -17.0550,
-4.7910

■ 0.4560, -1.2840,
1.2440

■ 212.1040,
-29.8920, -8.9320

■ 212.1040,
-29.8920, -8.9320

■ 204.0530,
-43.0500, -12.7620

■ 220.1550,
-16.7340, -5.1020

■ 196.5890,
-56.4830, -17.1150

■ 228.2060, -3.5760,
-1.2720

■ 188.5380,
-69.6410, -20.9450

■ 235.6700, 9.8570,
3.0810

■ 180.4870,
-82.7990, -24.7750

■ 239.2360, 14.0750,
3.7310

■ 172.4360,
-95.9570, -28.6050

■ 240.4100, 13.5250,
2.6850

■ 164.9720,
-109.3900, -32.9580

■ 240.9970, 13.2500,
2.1620

■ 156.9210,
-122.5480, -36.7880

■ 242.1710, 12.7000,
1.1160

■ 151.2510,
-132.4050, -39.8690

■ 243.3450, 12.1500,
0.0700

■ 244.5190, 11.6000,
-0.9760

Harmonies

Analogous

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



212.0740, -21.1800, -12.6360



212.1040, -29.8920, -8.9320



213.7930, -30.2140, -3.0940

Triad

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



212.1040, -29.8920, -8.9320



220.3250, 6.8750, 13.0750



216.8910, 19.1200, -5.1040

Complementary

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



212.1040, -29.8920, -8.9320



195.8960, 29.8920, 8.9320

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.



219.1140, 26.0420, 1.6100



212.1040, -29.8920, -8.9320



220.4420, 19.6670, 12.5230

Square

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



212.1040, -29.8920, -8.9320



218.7300, -7.5670, 10.4890



219.6290, 26.2700, 8.4940



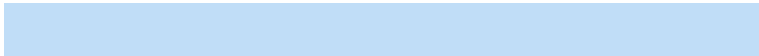
215.0850, 6.6500, -10.3900

Rectangle

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



212.1040, -29.8920, -8.9320



215.2930, -25.6300, 1.9380



219.6290, 26.2700, 8.4940



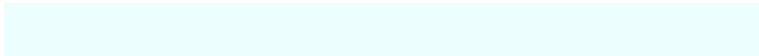
217.9130, 22.0540, -3.2100

Sweetspot

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



212.1040, -29.8920, -8.9320



249.0310, -10.4530, -3.2930



208.8660, -15.2630, -26.2630



124.1240, -6.2810, -1.8090



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.



212.1040, -29.8920, -8.9320



231.4340, -39.7490, -12.0130



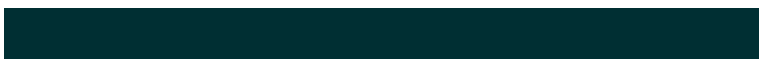
197.4290, -23.0170, 4.1430



110.8250, -6.8770, -2.0210



117.2610, -102.8340, -30.6260



33.4030, -29.2960, -8.7200

Inverse Universe

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



199.0200, 15.5840, 25.9520



213.9270, 20.5800, 34.5320



210.5710, 23.0170, -4.1430



107.8420, 3.6210, 5.9650



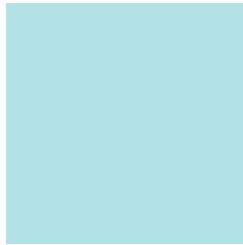
72.3310, 53.7190, 89.2630



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 212.1040, -29.8920, -8.9320 looks on a white background.

Color Contrast Check

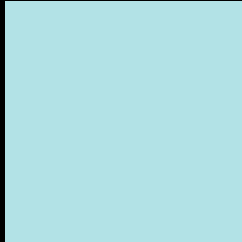
Large Text (above 18pt) WCAG AA × Fail

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 212.1040, -29.8920, -8.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

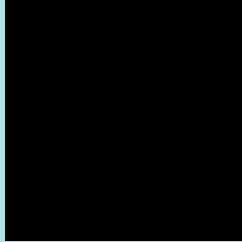
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.1040, -29.8920, -8.9320

Background



This preview shows how black text looks on a background with the YIQ color 212.1040, -29.8920, -8.9320.



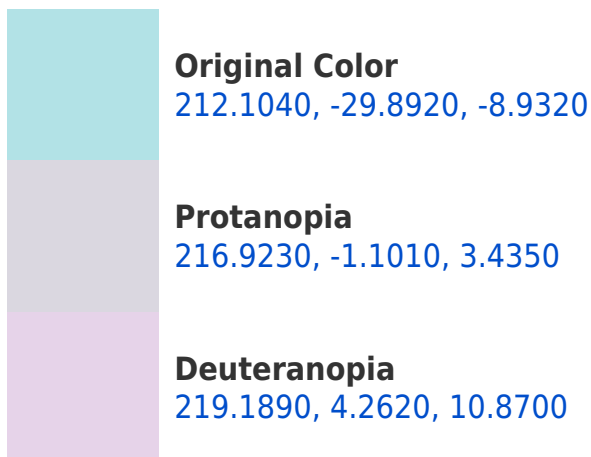
This preview shows how white text looks on a background with the YIQ color 212.1040, -29.8920, -8.9320.

-8.9320.

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

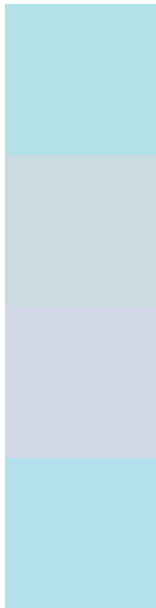




Tritanopia

212.8960, -32.0020, -3.7300

Trichromacy



Original Color

212.1040, -29.8920, -8.9320

Protanomaly

215.0140, -11.7830, -1.2150

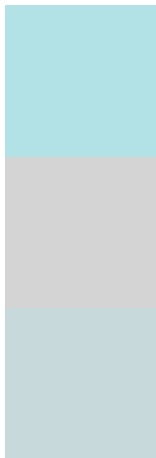
Deuteranomaly

216.3290, -8.1160, 3.9160

Tritanomaly

212.7280, -31.5890, -5.7090

Monochromacy



Original Color

212.1040, -29.8920, -8.9320

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.1040, -29.8920, -8.9320 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(178, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 230)  
}
```

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(178, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 230) }
```

Border

The CSS property to change the border of an element to YIQ 212.1040, -29.8920, -8.9320 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(178, 226, 230) }
```


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

```
.border{ border-color:rgb(178, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 226,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 212.1040, -29.8920, -8.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 230) }
```

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

```
.background{ background-color: rgb(178,  
226, 230) }
```

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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