

Converting Colors

YIQ(208.8930, -27.9200,
-11.6320)

Have a look what the booklet for
YIQ(208.8930, -27.9200, -11.6320)
contains.

YIQ(208.8930, -27.9200, -11.6320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(208.8930, -27.9200,
-11.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE0DC
RGB	175, 224, 220
RGB Percent	69%, 88%, 86%
CMY	0.3138, 0.1215, 0.1374
CMYK	0.22, 0.00, 0.02, 0.12
HSL	175°, 44%, 78%
HSV	175°, 22%, 88%
XYZ	57.2482, 67.5987, 77.7216
YIQ	208.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

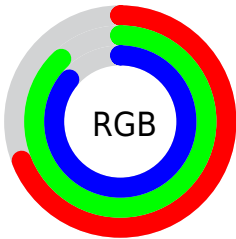
Format	Color
RYB	175, 201, 224
Decimal	11526364
CIELab	85.81, -16.56, -3.21
CIELCh	86, 16.867, 190.986
Yxy	67.5987, 0.2826, 0.3337
Android (android.graphics.Color)	4289716444 (0xFFAFE0DC)
YUV	208.8930, 5.4758, -29.7242
Hunter-Lab	82.2184, -19.5937, 1.5057

Details

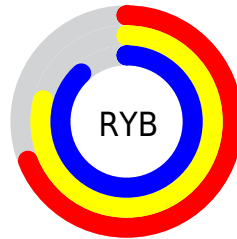
The YIQ color **208.8930, -27.9200, -11.6320** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190.1070, 27.9200, 11.6320**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, -14.3040, -5.0880**, and **154.1920, -27.3240, -11.4200** is the 20% darker color. If you saturate the color by 10%, you get **202.0870, -40.3900, -16.9180**, and if you desaturate by 10%, it is **215.6990, -15.4500, -6.3460**.

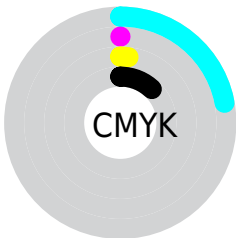
Distribution



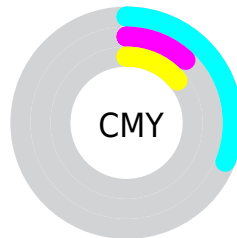
- Red (69%)
- Green (88%)
- Blue (86%)



- Red (69%)
- Yellow (79%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8930, -27.9200, -11.6320 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 208.8930, -27.9200, -11.6320 by changing the saturation by 10% instead.

■ 208.8930,
-27.9200, -11.6320

■ 208.8930,
-27.9200, -11.6320

■ 255.0000, -0.0000,
-0.0000

■ 181.1920,
-27.3240, -11.4200

■ 247.8240,
-14.3040, -5.0880

■ 154.1920,
-27.3240, -11.4200

■ 127.9040,
-26.4530, -10.6850

■ 102.4910,
-26.7280, -11.2080

■ 77.9040, -26.4530,
-10.6850

■ 53.4200, -27.9660,
-10.7980

■ 32.0180, -26.7740,

-10.3740

■ 17.8840, -14.5330,
-6.4450

■ 0.0000, 0.0000,
0.0000

■ 208.8930,
-27.9200, -11.6320

■ 208.8930,
-27.9200, -11.6320

■ 202.0870,
-40.3900, -16.9180

■ 215.6990,
-15.4500, -6.3460

■ 194.9820,
-53.4560, -22.4160

■ 222.8040, -2.3840,
-0.8480

■ 188.1760,
-65.9260, -27.7020

■ 229.6100, 10.0860,
4.4380

■ 181.1850,
-79.3130, -32.8890

■ 233.6110, 17.5130,
7.5050

■ 174.3790,
-91.7830, -38.1750

■ 233.8390, 16.8710,
8.1270

■ 167.5730,
-104.2530, -43.4610

■ 234.0670, 16.2290,
8.7490

■ 160.4680,
-117.3190, -48.9590

■ 234.2950, 15.5870,
9.3710

■ 154.9720,
-127.7260, -53.0860

■ 234.5230, 14.9450,
9.9930

■ 234.7510, 14.3030,
10.6150

Harmonies

Analogous

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



209.7710, -15.9530, -13.7530



208.8930, -27.9200, -11.6320



210.0160, -32.4600, -6.4440

Triad

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



208.8930, -27.9200, -11.6320



217.2040, -0.0940, 12.7220



215.2230, 24.1170, -2.0510

Complementary

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



208.8930, -27.9200, -11.6320



190.1070, 27.9200, 11.6320

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.



216.8910, 28.2880, 4.9600



208.8930, -27.9200, -11.6320



218.0440, 15.0360, 13.8520

Square

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



208.8930, -27.9200, -11.6320



214.9570, -15.6360, 8.0440



217.7260, 24.6190, 10.8830



213.1460, 13.8480, -8.6800

Rectangle

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



208.8930, -27.9200, -11.6320



210.8470, -30.3060, -1.4260



217.7260, 24.6190, 10.8830



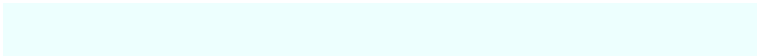
215.4730, 26.4090, 0.4650

Sweetspot

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



208.8930, -27.9200, -11.6320



249.5040, -10.4070, -4.1270



204.9590, -11.0910, -24.7790



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



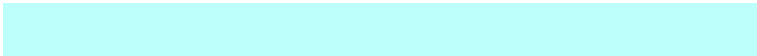
128.0000, -0.0000, -0.0000

Same Dimension

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



208.8930, -27.9200, -11.6320



234.6960, -37.7310, -15.5470



197.6090, -23.7040, 0.0720



108.5970, -6.2350, -2.6430



121.6660, -100.0810, -41.9770



33.1920, -27.3240, -11.4200

Inverse Universe

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



190.1070, 27.9200, 11.6320



209.3040, 37.7310, 15.5470



201.3910, 23.7040, -0.0720



104.4030, 6.2350, 2.6430



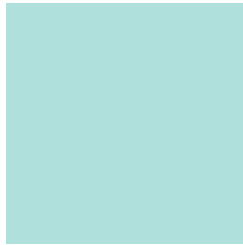
54.3340, 100.0810, 41.9770



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 208.8930, -27.9200, -11.6320 looks on a white background.

Color Contrast Check

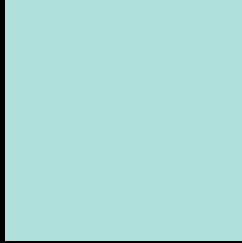
Large Text (above 18pt) WCAG AA × Fail

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 208.8930, -27.9200, -11.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

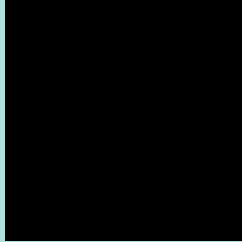
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

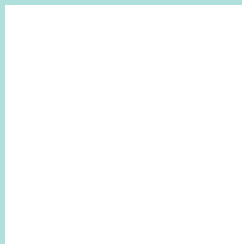
Any Text WCAG AAA ✓ Pass

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

YIQ 208.8930, -27.9200, -11.6320 Background



This preview shows how black text looks on a background with the YIQ color 208.8930, -27.9200, -11.6320.



This preview shows how white text looks on a background with the YIQ color 208.8930, -27.9200, -11.6320.

-11.6320.

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

208.8930, -27.9200, -11.6320

Protanopia

214.6090, 2.6590, 1.3710

Deuteranopia

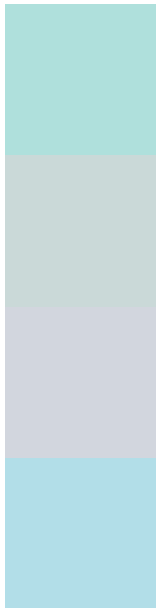
216.2880, 8.2970, 9.3290



Tritanopia

210.4940, -30.8100, -3.3060

Trichromacy



Original Color

208.8930, -27.9200, -11.6320

Protanomaly

212.4010, -8.6190, -3.4910

Deuteranomaly

213.7160, -4.9520, 1.6400

Tritanomaly

209.9840, -29.4340, -6.2180

Monochromacy



Original Color

208.8930, -27.9200, -11.6320

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8030, -9.8110, -3.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8930, -27.9200, -11.6320 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(175, 224, 220)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 220)  
}
```

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(175, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 220) }
```

Border

The CSS property to change the border of an element to YIQ 208.8930, -27.9200, -11.6320 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

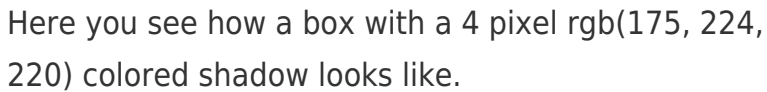
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 224, 220) }
```


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

```
.border{ border-color:rgb(175, 224, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 224, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 224, 220); box-shadow:4px 4px 4px 4px rgb(175, 224, 220) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8930, -27.9200, -11.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 220) }
```

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

```
.background{ background-color: rgb(175,  
224, 220) }
```

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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