

Converting Colors

YIQ(202.9970, -22.2810,
-9.2010)

Have a look what the booklet for
YIQ(202.9970, -22.2810, -9.2010)
contains.

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Color

**YIQ(202.9970, -22.2810,
-9.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D7D4
RGB	176, 215, 212
RGB Percent	69%, 84%, 83%
CMY	0.3099, 0.1568, 0.1687
CMYK	0.18, 0.00, 0.01, 0.16
HSL	175°, 33%, 77%
HSV	175°, 18%, 84%
XYZ	54.0845, 62.5889, 71.5031
YIQ	202.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

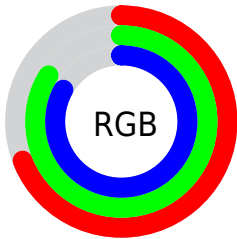
Format	Color
RYB	176, 196, 215
Decimal	11589588
CIELab	83.23, -13.36, -2.76
CIELCh	83, 13.647, 191.677
Yxy	62.5889, 0.2874, 0.3326
Android (android.graphics.Color)	4289779668 (0xFFB0D7D4)
YUV	202.9970, 4.4385, -23.6764
Hunter-Lab	79.1131, -16.4190, 1.7924

Details

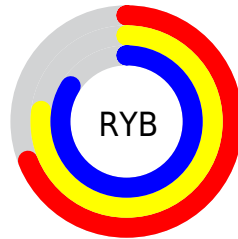
The YIQ color **202.9970, -22.2810, -9.2010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188.0030, 22.2810, 9.2010**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.1230, -13.7080, -4.8760**, and **148.5950, -21.0890, -8.7770** is the 20% darker color. If you saturate the color by 10%, you get **196.1910, -34.7510, -14.4870**, and if you desaturate by 10%, it is **209.5040, -10.4070, -4.1270**.

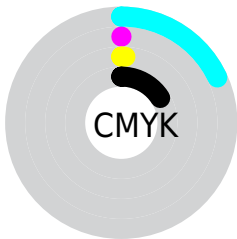
Distribution



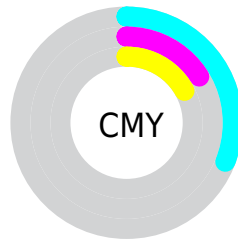
- Red (69%)
- Green (84%)
- Blue (83%)



- Red (69%)
- Yellow (77%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9970, -22.2810, -9.2010 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 202.9970, -22.2810, -9.2010 by changing the saturation by 10% instead.

■ 202.9970,
-22.2810, -9.2010

■ 202.9970,
-22.2810, -9.2010

■ 255.0000, -0.0000,
-0.0000

■ 175.2960,
-21.6850, -8.9890

■ 248.1230,
-13.7080, -4.8760

■ 148.5950,
-21.0890, -8.7770

■ 122.5950,
-21.0890, -8.7770

■ 97.8940, -20.4930,
-8.5650

■ 73.3070, -20.2180,
-8.0420

■ 50.0080, -20.8140,
-8.2540

■ 27.5240, -22.3270,

-8.3670

■ 13.6780, -10.9570,
-5.1730

■ 0.0000, 0.0000,
0.0000

■ 202.9970,
-22.2810, -9.2010

■ 202.9970,
-22.2810, -9.2010

■ 196.1910,
-34.7510, -14.4870

■ 209.5040,
-10.4070, -4.1270

■ 189.7980,
-46.9460, -19.2500

■ 216.1960, 2.3840,
0.8480

■ 182.9920,
-59.4160, -24.5360

■ 222.7030, 14.2580,
5.9220

■ 176.4850,
-71.2900, -29.6100

■ 227.4160, 22.5560,
9.7240

■ 169.7930,
-84.0810, -34.5850

■ 227.5300, 22.2350,
10.0350

■ 163.2860,
-95.9550, -39.6590

■ 227.7580, 21.5930,
10.6570

■ 156.4800,
-108.4250, -44.9450

■ 227.9860, 20.9510,
11.2790

■ 150.0870,
-120.6200, -49.7080

■ 228.1000, 20.6300,
11.5900

■ 148.7770,
-122.6830, -50.8670

■ 228.3280, 19.9880,
12.2120

Harmonies

Analogous

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



203.3200, -13.0650, -11.0250



202.9970, -22.2810, -9.2010



203.7780, -25.8580, -4.9460

Triad

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



202.9970, -22.2810, -9.2010



209.0360, 0.3190, 10.7430



207.8850, 19.2570, -2.0790

Complementary

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



202.9970, -22.2810, -9.2010



188.0030, 22.2810, 9.2010

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.



208.8410, 22.5570, 4.1970



202.9970, -22.2810, -9.2010



209.9080, 12.4230, 11.6470

Square

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



202.9970, -22.2810, -9.2010



207.7570, -12.1970, 6.2910



210.2200, 20.1720, 8.8760



206.5310, 11.3260, -7.0260

Rectangle

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



202.9970, -22.2810, -9.2010



204.6690, -23.9330, -1.2850



210.2200, 20.1720, 8.8760



208.1350, 21.5490, 0.4370

Sweetspot

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



202.9970, -22.2810, -9.2010



250.9990, -7.4270, -3.0670



199.7900, -8.9370, -19.7610



125.4940, -4.4470, -2.0070



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.



202.9970, -22.2810, -9.2010



237.8000, -32.0920, -13.1160



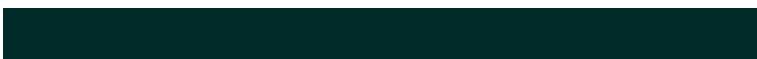
193.9470, -18.8440, 0.1000



103.5970, -6.2350, -2.6430



118.3890, -97.7430, -40.2950



29.8010, -24.6650, -10.0490

Inverse Universe

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



188.0030, 22.2810, 9.2010



216.2000, 32.0920, 13.1160



197.0530, 18.8440, -0.1000



99.4030, 6.2350, 2.6430



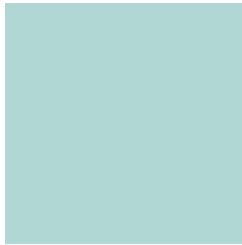
52.6110, 97.7430, 40.2950



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 202.9970, -22.2810, -9.2010 looks on a white background.

Color Contrast Check

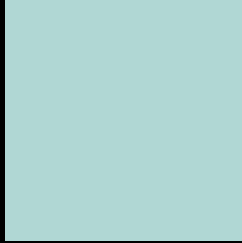
Large Text (above 18pt) WCAG AA × Fail

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 202.9970, -22.2810, -9.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

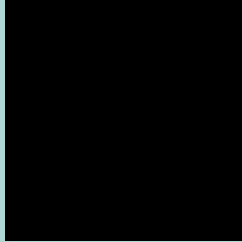
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

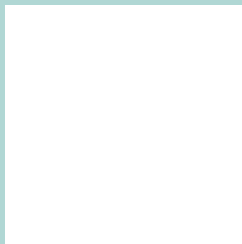
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.9970, -22.2810, -9.2010

Background



This preview shows how black text looks on a background with the YIQ color 202.9970, -22.2810, -9.2010.

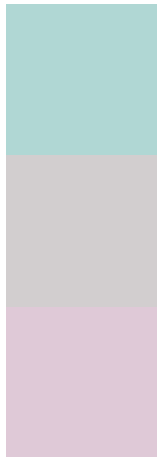


This preview shows how white text looks on a background with the YIQ color 202.9970, -22.2810, -9.2010.

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

202.9970, -22.2810, -9.2010

Protanopia

207.3100, 2.0630, 1.1590

Deuteranopia

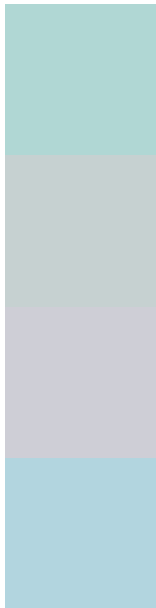
209.1740, 8.6180, 9.0180



Tritanopia

204.0710, -25.1250, -1.7090

Trichromacy



Original Color

202.9970, -22.2810, -9.2010

Protanomaly

205.7110, -6.5560, -2.3320

Deuteranomaly

206.9120, -2.5680, 2.4880

Tritanomaly

203.6750, -24.0700, -4.3100

Monochromacy



Original Color

202.9970, -22.2810, -9.2010

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.7000, -8.0230, -3.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9970, -22.2810, -9.2010 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(176, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(176, 215, 212)  
}
```

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(176, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 215, 212) }
```

Border

The CSS property to change the border of an element to YIQ 202.9970, -22.2810, -9.2010 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(176, 215, 212) }
```


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

```
.border{ border-color:rgb(176, 215, 212) }
```

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

Here you see how a box with a 4 pixel rgb(176, 215, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(176, 215,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9970, -22.2810, -9.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 215, 212) }
```

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

```
.background{ background-color: rgb(176,  
215, 212) }
```

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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