

Converting Colors

YIQ(198.7620, -28.9290,
-9.8650)

Have a look what the booklet for
YIQ(198.7620, -28.9290, -9.8650)
contains.

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Color

**YIQ(198.7620, -28.9290,
-9.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D5D6
RGB	165, 213, 214
RGB Percent	65%, 84%, 84%
CMY	0.3530, 0.1646, 0.1609
CMYK	0.23, 0.00, 0.00, 0.16
HSL	181°, 37%, 74%
HSV	181°, 23%, 84%
XYZ	51.4442, 60.4484, 72.5549
YIQ	198.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

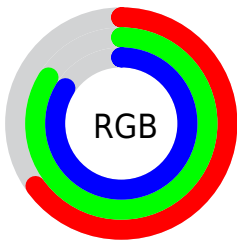
Format	Color
R _{YB}	165, 189, 214
Decimal	10868182
CIE Lab	82.08, -15.29, -5.58
CIE LCh	82, 16.275, 200.063
Yxy	60.4484, 0.2789, 0.3277
Android (android.graphics.Color)	4289058262 (0xFFA5D5D6)
YUV	198.7620, 7.5123, -29.6093
Hunter-Lab	77.7486, -17.9513, -0.9054

Details

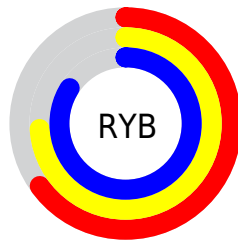
The YIQ color **198.7620, -28.9290, -9.8650** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.2380, 28.9290, 9.8650**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **144.3600, -27.7370, -9.4410** is the 20% darker color. If you saturate the color by 10%, you get **192.4830, -41.4450, -14.3170**, and if you desaturate by 10%, it is **205.0410, -16.4130, -5.4130**.

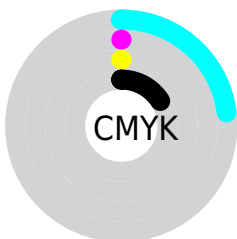
Distribution



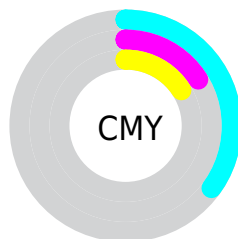
- Red (65%)
- Green (84%)
- Blue (84%)



- Red (65%)
- Yellow (74%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7620, -28.9290, -9.8650 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 198.7620, -28.9290, -9.8650 by changing the saturation by 10% instead.

■ 198.7620,
-28.9290, -9.8650

■ 198.7620,
-28.9290, -9.8650

■ 255.0000, -0.0000,
-0.0000

■ 171.0610,
-28.3330, -9.6530

■ 244.8340,
-20.2640, -7.2080

■ 144.3600,
-27.7370, -9.4410

■ 253.5050, -2.9800,
-1.0600

■ 118.3600,
-27.7370, -9.4410

■ 93.3600, -27.7370,
-9.4410

■ 68.4740, -28.0580,
-9.1300

■ 43.9790, -31.0380,
-10.1900

■ 26.1650, -22.6940,

-7.2220

■ 10.9710, -10.2240,
-1.9360

■ 0.0000, 0.0000,
0.0000

■ 198.7620,
-28.9290, -9.8650

■ 198.7620,
-28.9290, -9.8650

■ 192.4830,
-41.4450, -14.3170

■ 205.0410,
-16.4130, -5.4130

■ 185.3180,
-54.2820, -18.4580

■ 212.2060, -3.5760,
-1.2720

■ 179.0390,
-66.7980, -22.9100

■ 218.4850, 8.9400,
3.1800

■ 171.8740,
-79.6350, -27.0510

■ 225.6500, 21.7770,
7.3210

■ 165.5950,
-92.1510, -31.5030

■ 226.8460, 24.1610,
8.1690

■ 159.3160,
-104.6670, -35.9550

■ 227.4330, 23.8860,
7.6460

■ 152.1510,
-117.5040, -40.0960

■ 228.0200, 23.6110,
7.1230

■ 147.6660,
-126.4440, -43.2760

Harmonies

Analogous

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



199.3300, -19.0250, -13.1450



198.7620, -28.9290, -9.8650



199.9670, -30.7640, -4.1400

Triad

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



198.7620, -28.9290, -9.8650



206.6560, 4.4450, 13.0610



203.9020, 20.5870, -4.1570

Complementary

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



198.7620, -28.9290, -9.8650



180.2380, 28.9290, 9.8650

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.



205.9400, 26.5920, 2.6560



198.7620, -28.9290, -9.8650



207.1860, 17.5120, 13.0320

Square

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



198.7620, -28.9290, -9.8650



205.2350, -10.5470, 9.4290



206.8570, 25.6280, 9.1160



202.1670, 9.3550, -9.8530

Rectangle

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



198.7620, -28.9290, -9.8650



201.7550, -27.0510, 0.1570



206.8570, 25.6280, 9.1160



205.0380, 23.2000, -1.9520

Sweetspot

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



198.7620, -28.9290, -9.8650



249.6180, -10.7280, -3.8160



193.8770, -13.7960, -25.3160



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.



198.7620, -28.9290, -9.8650



233.7820, -40.8490, -14.1050



184.6740, -22.3290, 2.6870



103.7110, -6.5560, -2.3320



118.1100, -101.0910, -34.6830



30.1430, -25.6280, -9.1160

Inverse Universe

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



185.1230, 13.7960, 25.3160



214.3830, 19.2960, 35.7760



194.3260, 22.3290, -2.6870



100.5430, 3.0250, 5.7530



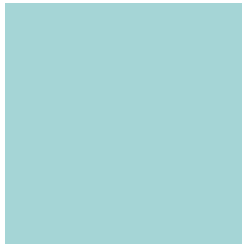
70.2810, 47.9880, 88.5000



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 198.7620, -28.9290, -9.8650 looks on a white background.

Color Contrast Check

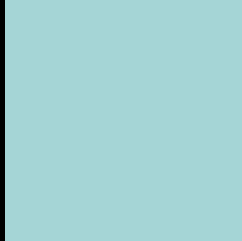
Large Text (above 18pt) WCAG AA × Fail

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 198.7620, -28.9290, -9.8650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

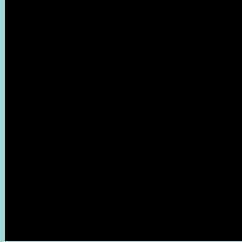
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.7620, -28.9290, -9.8650

Background



This preview shows how black text looks on a background with the YIQ color 198.7620, -28.9290, -9.8650.



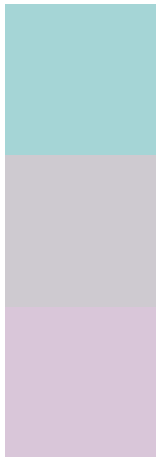
This preview shows how white text looks on a background with the YIQ color 198.7620, -28.9290, -9.8650.

-9.8650.

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

198.7620, -28.9290, -9.8650

Protanopia

203.8800, 0.4580, 2.7140

Deuteranopia

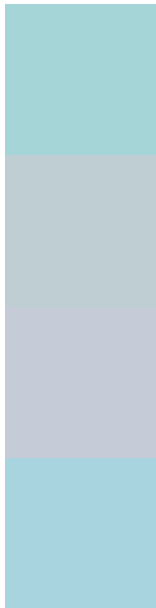
205.8470, 5.2250, 9.9370



Tritanopia

200.0810, -31.0850, -3.8290

Trichromacy



Original Color

198.7620, -28.9290, -9.8650

Protanomaly

201.9710, -10.2240, -1.9360

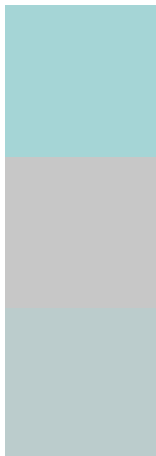
Deuteranomaly

202.9870, -7.1530, 2.9830

Tritanomaly

199.7990, -30.3510, -6.1190

Monochromacy



Original Color

198.7620, -28.9290, -9.8650

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9170, -10.1320, -3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7620, -28.9290, -9.8650 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(165, 213, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 213, 214)  
}
```

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(165, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 213, 214) }
```

Border

The CSS property to change the border of an element to YIQ 198.7620, -28.9290, -9.8650 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(165, 213, 214) }
```


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

```
.border{ border-color:rgb(165, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 213,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7620, -28.9290, -9.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 213, 214) }
```

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

```
.background{ background-color: rgb(165,  
213, 214) }
```

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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