

Converting Colors

YIQ(198.6720, -29.1560,
-22.2760)

Have a look what the booklet for
YIQ(198.6720, -29.1560, -22.2760)
contains.

YIQ(198.6720, -29.1560, -22.2760)	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(198.6720, -29.1560,
-22.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDDC1
RGB	157, 221, 193
RGB Percent	62%, 87%, 76%
CMY	0.3845, 0.1332, 0.2432
CMYK	0.29, 0.00, 0.13, 0.13
HSL	154°, 49%, 74%
HSV	154°, 29%, 87%
XYZ	49.3827, 62.7400, 59.9453
YIQ	198.6720, -29.1560, -22.2760

Conversions

Conversions Part 2

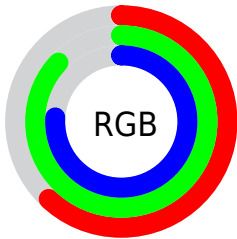
Format	Color
RYB	157, 198, 221
Decimal	10345921
CIELab	83.31, -26.08, 7.30
CIELCh	83, 27.083, 164.368
Yxy	62.7400, 0.2870, 0.3646
Android (android.graphics.Color)	4288536001 (0xFF9DDDC1)
YUV	198.6720, -2.7963, -36.5463
Hunter-Lab	79.2086, -27.3290, 10.5751

Details

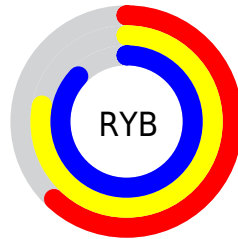
The YIQ color **198.6720, -29.1560, -22.2760** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.3280, 29.1560, 22.2760**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7580, -23.1060, -10.7700**, and **144.3840, -28.2850, -21.5410** is the 20% darker color. If you saturate the color by 10%, you get **190.9540, -39.0580, -30.0500**, and if you desaturate by 10%, it is **206.3900, -19.2540, -14.5020**.

Distribution



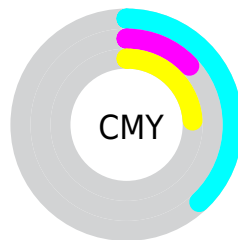
- Red (62%)
- Green (87%)
- Blue (76%)



- Red (62%)
- Yellow (78%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6720, -29.1560, -22.2760 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 198.6720, -29.1560, -22.2760 by changing the saturation by 10% instead.

■ 198.6720,
-29.1560, -22.2760

■ 198.6720,
-29.1560, -22.2760

■ 255.0000, -0.0000,
-0.0000

■ 171.0850,
-28.8810, -21.7530

■ 241.7580,
-23.1060, -10.7700

■ 144.3840,
-28.2850, -21.5410

■ 251.1130, -7.7480,
-2.7560

■ 117.9110,
-28.3310, -20.7070

■ 92.0250, -28.6520,
-20.3960

■ 67.2420, -30.7610,
-20.7210

■ 43.1710, -31.9990,
-20.3110

■ 27.2760, -18.9330,

-14.8130

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 198.6720,
-29.1560, -22.2760

■ 198.6720,
-29.1560, -22.2760

■ 190.9540,
-39.0580, -30.0500

■ 206.3900,
-19.2540, -14.5020

■ 183.3500,
-49.2810, -37.5130

■ 213.9940, -9.0310,
-7.0390

■ 175.6320,
-59.1830, -45.2870

■ 221.7120, 0.8710,
0.7350

■ 167.9140,
-69.0850, -53.0610

■ 229.4300, 10.7730,
8.5090

■ 160.0110,
-79.9040, -60.7360

■ 233.4460, 13.8440,
13.4280

■ 152.2930,
-89.8060, -68.5100

■ 234.5860, 10.6340,
16.5380

■ 144.5750,
-99.7080, -76.2840

■ 235.0420, 9.3500,
17.7820

■ 143.8630,
-100.5790, -77.0190

Harmonies

Analogous

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



202.1880, -4.3060, -21.0900



198.6720, -29.1560, -22.2760



196.2430, -49.6970, -18.9530

Triad

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



198.6720, -29.1560, -22.2760



207.9980, -22.8810, 12.6950



209.8450, 43.0970, 6.4010

Complementary

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



198.6720, -29.1560, -22.2760



179.3280, 29.1560, 22.2760

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.



209.5320, 37.0890, 16.1690



198.6720, -29.1560, -22.2760



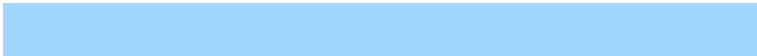
211.3280, 2.7930, 20.9770

Square

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



198.6720, -29.1560, -22.2760



202.5280, -45.3450, 1.3030



212.1750, 25.2130, 22.1490



207.5740, 36.1300, -5.0060

Rectangle

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



198.6720, -29.1560, -22.2760



196.8820, -55.7500, -13.8780



212.1750, 25.2130, 22.1490



209.4690, 41.4000, 9.6240

Sweetspot

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



198.6720, -29.1560, -22.2760



246.9830, -10.4980, -7.9860



203.2390, -0.3160, -27.3240



122.7170, -6.6930, -5.3570



0.0000, 0.0000, 0.0000



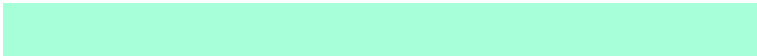
128.0000, -0.0000, -0.0000

Same Dimension

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



198.6720, -29.1560, -22.2760



223.9430, -40.5250, -30.9970



200.1030, -37.3190, -11.9990



106.1410, -4.9510, -3.8870



112.6090, -78.7120, -60.3120



29.9660, -20.9960, -15.9720

Inverse Universe

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



179.3280, 29.1560, 22.2760



197.0570, 40.5250, 30.9970



177.8970, 37.3190, 11.9990



102.7450, 5.2720, 3.5760



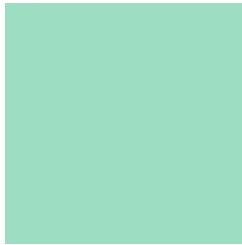
60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 198.6720, -29.1560, -22.2760 looks on a white background.

Color Contrast Check

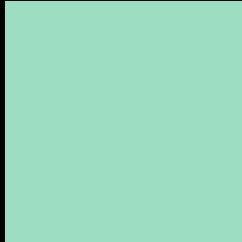
Large Text (above 18pt) WCAG AA × Fail

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 198.6720, -29.1560, -22.2760 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

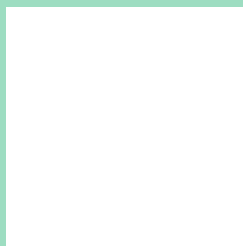
Any Text WCAG AAA ✓ Pass

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

YIQ 198.6720, -29.1560, -22.2760 Background



This preview shows how black text looks on a background with the YIQ color 198.6720, -29.1560, -22.2760.



This preview shows how white text looks on a background with the YIQ color 198.6720, -29.1560, -22.2760.

-22.2760.

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

198.6720, -29.1560, -22.2760

Protanopia

206.5960, 12.7010, -4.4110

Deuteranopia

208.6280, 18.8430, 5.4270



Tritanopia

202.1020, -35.5780, -5.0020

Trichromacy



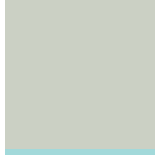
Original Color

198.6720, -29.1560, -22.2760



Protanomaly

203.5940, -2.1530, -10.5450



Deuteranomaly

205.1370, 0.8720, -4.7920



Tritanomaly

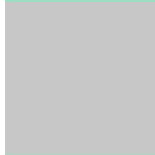
200.6690, -33.1010, -11.3490

Monochromacy



Original Color

198.6720, -29.1560, -22.2760



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.9830, -10.4980, -7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6720, -29.1560, -22.2760 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(157, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 221, 193)  
}
```

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(157, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 221, 193) }
```

Border

The CSS property to change the border of an element to YIQ 198.6720, -29.1560, -22.2760 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(157, 221, 193) }
```


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

```
.border{ border-color:rgb(157, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(157, 221,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6720, -29.1560, -22.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 221, 193) }
```

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

```
.background{ background-color: rgb(157,  
221, 193) }
```

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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