

Converting Colors

YIQ(197.8460, -29.7060,
-23.3220)

Have a look what the booklet for
YIQ(197.8460, -29.7060, -23.3220)
contains.

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Color

**YIQ(197.8460, -29.7060,
-23.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDDBF
RGB	155, 221, 191
RGB Percent	61%, 87%, 75%
CMY	0.3923, 0.1332, 0.2511
CMYK	0.30, 0.00, 0.14, 0.13
HSL	153°, 49%, 74%
HSV	153°, 30%, 87%
XYZ	48.7740, 62.4522, 58.7601
YIQ	197.8460, -29.7060, -23.3220

Conversions

Conversions Part 2

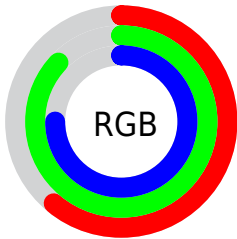
Format	Color
RYB	155, 198, 221
Decimal	10214847
CIELab	83.15, -27.08, 8.12
CIELCh	83, 28.276, 163.305
Yxy	62.4522, 0.2869, 0.3674
Android (android.graphics.Color)	4288404927 (0xFF9BDDBF)
YUV	197.8460, -3.3751, -37.5759
Hunter-Lab	79.0267, -28.1293, 11.2337

Details

The YIQ color **197.8460, -29.7060, -23.3220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178.1540, 29.7060, 23.3220**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9320, -23.6560, -11.8160**, and **143.6720, -29.1560, -22.2760** is the 20% darker color. If you saturate the color by 10%, you get **190.1280, -39.6080, -31.0960**, and if you desaturate by 10%, it is **205.5640, -19.8040, -15.5480**.

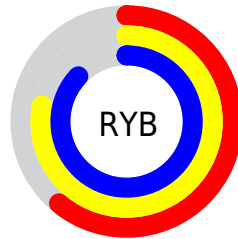
Distribution



Red (61%)

Green (87%)

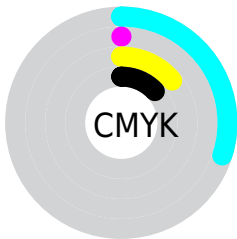
Blue (75%)



Red (61%)

Yellow (78%)

Blue (87%)

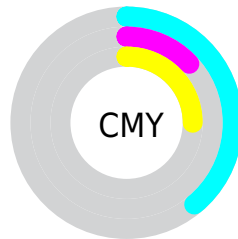


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.8460, -29.7060, -23.3220 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 197.8460, -29.7060, -23.3220 by changing the saturation by 10% instead.

■ 197.8460,
-29.7060, -23.3220

■ 197.8460,
-29.7060, -23.3220

■ 255.0000, -0.0000,
-0.0000

■ 170.2590,
-29.4310, -22.7990

■ 240.9320,
-23.6560, -11.8160

■ 143.6720,
-29.1560, -22.2760

■ 250.5150, -8.9400,
-3.1800

■ 117.0850,
-28.8810, -21.7530

■ 91.3130, -29.5230,
-21.1310

■ 66.1170, -31.9070,
-21.9790

■ 42.9430, -31.3570,
-20.9330

■ 27.1620, -18.6120,

-15.1240

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 197.8460,
-29.7060, -23.3220

■ 197.8460,
-29.7060, -23.3220

■ 190.1280,
-39.6080, -31.0960

■ 205.5640,
-19.8040, -15.5480

■ 182.4100,
-49.5100, -38.8700

■ 213.2820, -9.9020,
-7.7740

■ 174.6920,
-59.4120, -46.6440

■ 221.0000, 0.0000,
0.0000

■ 166.9740,
-69.3140, -54.4180

■ 228.7180, 9.9020,
7.7740

■ 158.9570,
-79.8120, -62.4040

■ 233.4460, 13.8440,
13.4280

■ 151.2390,
-89.7140, -70.1780

■ 234.5860, 10.6340,
16.5380

■ 143.5210,
-99.6160, -77.9520

■ 235.0420, 9.3500,
17.7820

■ 143.4070,
-99.2950, -78.2630

Harmonies

Analogous

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



201.8460, -3.3430, -22.0230



197.8460, -29.7060, -23.3220



194.9330, -51.7600, -20.1120

Triad

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



197.8460, -29.7060, -23.3220



206.5140, -24.3940, 12.5820



208.5570, 43.9680, 7.1360

Complementary

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



197.8460, -29.7060, -23.3220



178.1540, 29.7060, 23.3220

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.



208.9450, 37.3640, 16.6920



197.8460, -29.7060, -23.3220



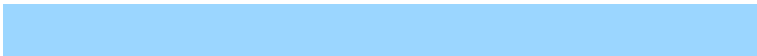
210.6700, 1.8300, 21.9100

Square

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



197.8460, -29.7060, -23.3220



201.0330, -48.3250, 0.2430



212.0010, 25.7630, 23.1950



207.0580, 37.6430, -4.8930

Rectangle

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



197.8460, -29.7060, -23.3220



195.3870, -58.7300, -14.9380



212.0010, 25.7630, 23.1950



208.1810, 42.2710, 10.3590

Sweetspot

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



197.8460, -29.7060, -23.3220



246.9830, -10.4980, -7.9860



203.0110, 0.3260, -27.9460



122.7170, -6.6930, -5.3570



0.0000, 0.0000, 0.0000



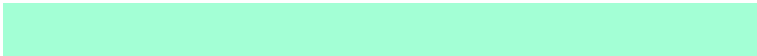
128.0000, -0.0000, -0.0000

Same Dimension

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



197.8460, -29.7060, -23.3220



222.7040, -41.3500, -32.5660



200.0920, -38.7860, -12.9460



106.1410, -4.9510, -3.8870



112.3810, -78.0700, -60.9340



29.8520, -20.6750, -16.2830

Inverse Universe

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



178.1540, 29.7060, 23.3220



195.2960, 41.3500, 32.5660



175.9080, 38.7860, 12.9460



102.8590, 4.9510, 3.8870



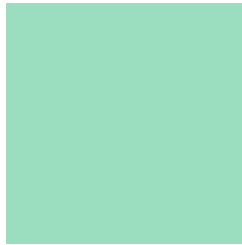
60.7330, 77.7490, 61.2450



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 197.8460, -29.7060, -23.3220 looks on a white background.

Color Contrast Check

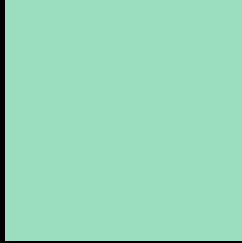
Large Text (above 18pt) WCAG AA × Fail

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 197.8460, -29.7060, -23.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

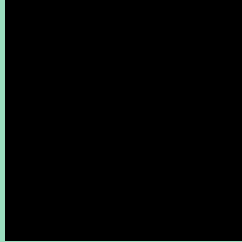
Any Text WCAG AA ✓ Pass

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 197.8460, -29.7060, -23.3220 Background



This preview shows how black text looks on a background with the YIQ color 197.8460, -29.7060, -23.3220.



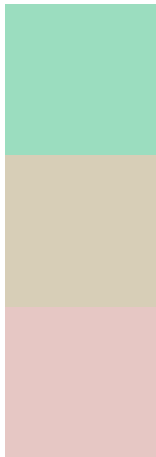
This preview shows how white text looks on a background with the YIQ color 197.8460, -29.7060, -23.3220.

-23.3220.

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

197.8460, -29.7060, -23.3220

Protanopia

206.0690, 12.7470, -5.2450

Deuteranopia

207.9270, 19.4390, 5.6390



Tritanopia

201.6890, -35.8530, -5.5250

Trichromacy



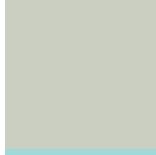
Original Color

197.8460, -29.7060, -23.3220



Protanomaly

202.7680, -2.7030, -11.5910



Deuteranomaly

204.3220, 1.7890, -4.8910



Tritanomaly

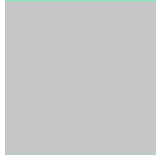
200.2560, -33.3760, -11.8720

Monochromacy



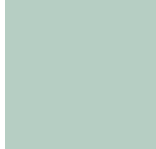
Original Color

197.8460, -29.7060, -23.3220



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.5700, -10.7730, -8.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.8460, -29.7060, -23.3220 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(155, 221, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 191)  
}
```

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(155, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 191) }
```

Border

The CSS property to change the border of an element to YIQ 197.8460, -29.7060, -23.3220 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(155, 221, 191) }
```


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

```
.border{ border-color:rgb(155, 221, 191) }
```

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

Here you see how a box with a 4 pixel rgb(155, 221, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 221, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 221, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 221,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 197.8460, -29.7060, -23.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 191) }
```

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

```
.background{ background-color: rgb(155,  
221, 191) }
```

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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