

Converting Colors

YIQ(187.1090, -28.2880,
-4.9600)

Have a look what the booklet for
YIQ(187.1090, -28.2880, -4.9600)
contains.

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Color

**YIQ(187.1090, -28.2880,
-4.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC6D2
RGB	157, 198, 210
RGB Percent	62%, 78%, 82%
CMY	0.3844, 0.2234, 0.1766
CMYK	0.25, 0.06, 0.00, 0.18
HSL	194°, 37%, 72%
HSV	194°, 25%, 82%
XYZ	45.7272, 52.2134, 68.6206
YIQ	187.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

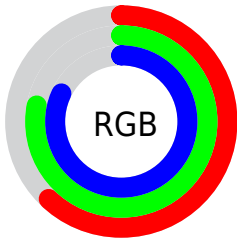
Format	Color
RYB	157, 180, 210
Decimal	10340050
CIELab	77.41, -10.84, -10.42
CIElCh	77, 15.036, 223.889
Yxy	52.2134, 0.2745, 0.3135
Android (android.graphics.Color)	4288530130 (0xFF9DC6D2)
YUV	187.1090, 11.2853, -26.4056
Hunter-Lab	72.2589, -13.4939, -5.7235

Details

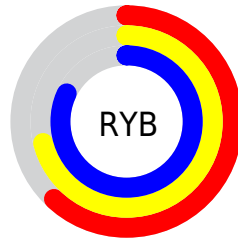
The YIQ color **187.1090, -28.2880, -4.9600** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.8910, 28.2880, 4.9600**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4420, -25.0320, -8.9040**, and **133.4080, -27.6920, -4.7480** is the 20% darker color. If you saturate the color by 10%, you get **177.8950, -39.4290, -6.7970**, and if you desaturate by 10%, it is **196.3230, -17.1470, -3.1230**.

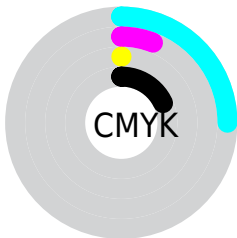
Distribution



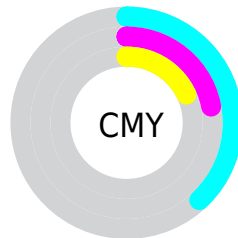
- Red (62%)
- Green (78%)
- Blue (82%)



- Red (62%)
- Yellow (71%)
- Blue (82%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1090, -28.2880, -4.9600 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 187.1090, -28.2880, -4.9600 by changing the saturation by 10% instead.

■ 187.1090,
-28.2880, -4.9600

■ 187.1090,
-28.2880, -4.9600

■ 255.0000, -0.0000,
-0.0000

■ 159.9950,
-27.9670, -5.2710

■ 242.1430,
-25.6280, -9.1160

■ 133.4080,
-27.6920, -4.7480

■ 250.8140, -8.3440,
-2.9680

■ 108.2940,
-27.3710, -5.0590

■ 83.1800, -27.0500,
-5.3700

■ 58.8810, -27.6460,
-5.5820

■ 34.6740, -31.4970,
-7.3770

■ 19.9530, -18.9810,

-2.9250

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 187.1090,
-28.2880, -4.9600

■ 187.1090,
-28.2880, -4.9600

■ 177.8950,
-39.4290, -6.7970

■ 196.3230,
-17.1470, -3.1230

■ 169.2680,
-50.8450, -9.1570

■ 204.9500, -5.7310,
-0.7630

■ 160.0540,
-61.9860, -10.9940

■ 214.1640, 5.4100,
1.0740

■ 150.8400,
-73.1270, -12.8310

■ 223.3780, 16.5510,
2.9110

■ 141.6260,
-84.2680, -14.6680

■ 230.4990, 23.5200,
3.2640

■ 132.9990,
-95.6840, -17.0280

■ 232.8470, 22.4200,
1.1720

■ 123.7850,
-106.8250, -18.8650

■ 235.7820, 21.0450,
-1.4430

■ 119.6210,
-112.2350, -19.9390

■ 238.7170, 19.6700,
-4.0580

■ 241.6520, 18.2950,
-6.6730

Harmonies

Analogous

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



185.9150, -24.9860, -9.7380



187.1090, -28.2880, -4.9600



189.5490, -23.4750, 1.4290

Triad

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



187.1090, -28.2880, -4.9600



193.8050, 14.2110, 12.2830



190.0040, 11.3720, -7.8600

Complementary

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



187.1090, -28.2880, -4.9600



179.8910, 28.2880, 4.9600

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.



191.9560, 20.4950, -2.4890



187.1090, -28.2880, -4.9600



194.0030, 22.2810, 9.2010

Square

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



187.1090, -28.2880, -4.9600



193.6340, 1.5110, 11.1670



193.0970, 24.7120, 3.6880



188.3660, -1.5110, -11.1670

Rectangle

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



187.1090, -28.2880, -4.9600



190.8920, -17.0110, 5.4290



193.0970, 24.7120, 3.6880



190.9120, 14.6270, -6.2770

Sweetspot

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



187.1090, -28.2880, -4.9600



246.0850, -10.5450, -1.6250



189.3650, -18.1060, -24.2980



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



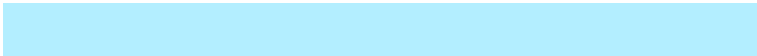
128.0000, -0.0000, -0.0000

Same Dimension

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



187.1090, -28.2880, -4.9600



222.2970, -40.6210, -7.2210



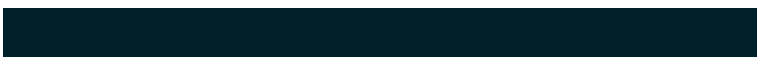
171.8470, -21.1380, 8.6380



99.9500, -5.7310, -0.7630



95.4620, -89.6780, -15.7420



23.4580, -21.9610, -3.9850

Inverse Universe

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



177.5210, 18.4270, 23.9870



208.4500, 26.3570, 34.4610



195.1530, 21.1380, -8.6380



98.2010, 3.9880, 4.8200



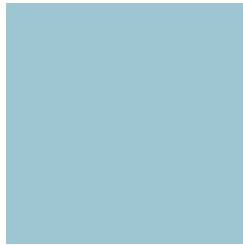
65.0520, 58.3980, 76.0460



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 187.1090, -28.2880, -4.9600 looks on a white background.

Color Contrast Check

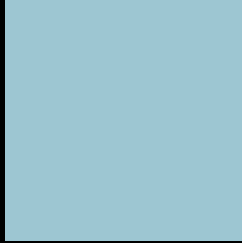
Large Text (above 18pt) WCAG AA × Fail

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 187.1090, -28.2880, -4.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

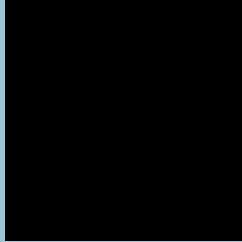
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.1090, -28.2880, -4.9600

Background



This preview shows how black text looks on a background with the YIQ color 187.1090, -28.2880, -4.9600.



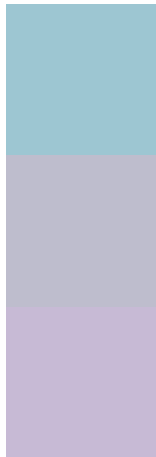
This preview shows how white text looks on a background with the YIQ color 187.1090, -28.2880, -4.9600.

-4.9600.

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

187.1090, -28.2880, -4.9600

Protanopia

191.1230, -4.5400, 5.1880

Deuteranopia

192.9650, -0.9190, 11.1530



Tritanopia

187.1630, -28.3800, -3.2920

Trichromacy



Original Color

187.1090, -28.2880, -4.9600

Protanomaly

189.5240, -13.1590, 1.6970

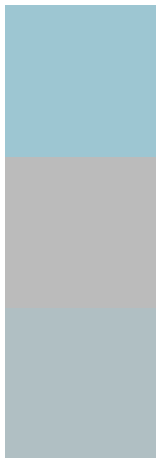
Deuteranomaly

190.7140, -10.6380, 5.5700

Tritanomaly

187.0490, -28.0590, -3.6030

Monochromacy



Original Color

187.1090, -28.2880, -4.9600

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9710, -10.2240, -1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1090, -28.2880, -4.9600 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, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 210)  
}
```

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, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 210) }
```

Border

The CSS property to change the border of an element to YIQ 187.1090, -28.2880, -4.9600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

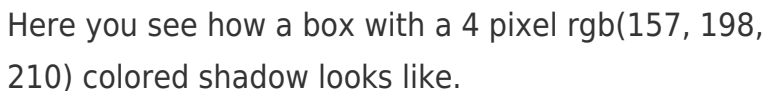
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 198, 210) }
```


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

```
.border{ border-color:rgb(157, 198, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 198, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 198, 210); box-shadow:4px 4px 4px 4px rgb(157, 198, 210) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1090, -28.2880, -4.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 210) }
```

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

```
.background{ background-color: rgb(157,  
198, 210) }
```

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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