

Converting Colors

YIQ(187.4510, -29.2510,
-4.0270)

Have a look what the booklet for
YIQ(187.4510, -29.2510, -4.0270)
contains.

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Color

**YIQ(187.4510, -29.2510,
-4.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC6D5
RGB	157, 198, 213
RGB Percent	62%, 78%, 84%
CMY	0.3844, 0.2234, 0.1648
CMYK	0.26, 0.07, 0.00, 0.16
HSL	196°, 40%, 73%
HSV	196°, 26%, 84%
XYZ	46.1044, 52.3643, 70.6065
YIQ	187.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

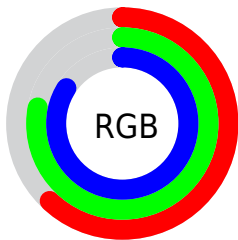
Format	Color
RYB	157, 181, 213
Decimal	10340053
CIELab	77.50, -10.15, -11.91
CIElCh	77, 15.646, 229.557
Yxy	52.3643, 0.2727, 0.3097
Android (android.graphics.Color)	4288530133 (0xFF9DC6D5)
YUV	187.4510, 12.5957, -26.7055
Hunter-Lab	72.3632, -12.9089, -7.1964

Details

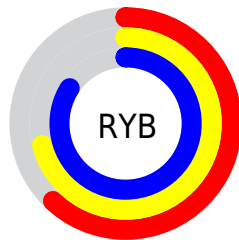
The YIQ color **187.4510, -29.2510, -4.0270** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.5490, 29.2510, 4.0270**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4420, -25.0320, -8.9040**, and **133.6360, -28.3340, -4.1260** is the 20% darker color. If you saturate the color by 10%, you get **177.6500, -40.1170, -5.3410**, and if you desaturate by 10%, it is **197.2520, -18.3850, -2.7130**.

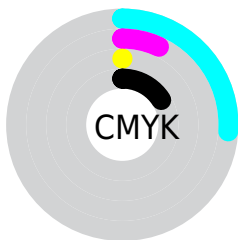
Distribution



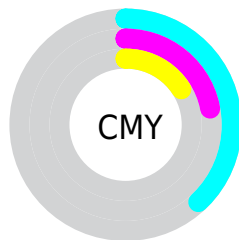
- Red (62%)
- Green (78%)
- Blue (84%)



- Red (62%)
- Yellow (71%)
- Blue (84%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4510, -29.2510, -4.0270 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 187.4510, -29.2510, -4.0270 by changing the saturation by 10% instead.

■ 187.4510,
-29.2510, -4.0270

■ 187.4510,
-29.2510, -4.0270

■ 255.0000, -0.0000,
-0.0000

■ 160.3370,
-28.9300, -4.3380

■ 242.4420,
-25.0320, -8.9040

■ 133.6360,
-28.3340, -4.1260

■ 250.8140, -8.3440,
-2.9680

■ 108.5220,
-28.0130, -4.4370

■ 83.5220, -28.0130,
-4.4370

■ 58.9240, -29.2050,
-4.8610

■ 35.0160, -32.4600,
-6.4440

■ 20.1810, -19.6230,

-2.3030

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 187.4510,
-29.2510, -4.0270

■ 187.4510,
-29.2510, -4.0270

■ 177.6500,
-40.1170, -5.3410

■ 197.2520,
-18.3850, -2.7130

■ 168.1370,
-51.8540, -7.3900

■ 206.7650, -6.6480,
-0.6640

■ 158.3360,
-62.7200, -8.7040

■ 216.5660, 4.2180,
0.6500

■ 148.5350,
-73.5860, -10.0180

■ 226.3670, 15.0840,
1.9640

■ 139.0220,
-85.3230, -12.0670

■ 233.1890, 21.4570,
2.1050

■ 129.2210,
-96.1890, -13.3810

■ 236.7110, 19.8070,
-1.0330

■ 119.4200,
-107.0550, -14.6950

■ 240.2330, 18.1570,
-4.1710

■ 115.8540,
-111.2730, -15.3450

■ 243.7550, 16.5070,
-7.3090

■ 246.6900, 15.1320,
-9.9240

Harmonies

Analogous

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



186.3600, -27.7370, -9.4410



187.4510, -29.2510, -4.0270



189.7880, -22.6500, 2.9980

Triad

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



187.4510, -29.2510, -4.0270



194.4740, 16.6410, 12.2970



189.6940, 9.3090, -9.0190

Complementary

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



187.4510, -29.2510, -4.0270



182.5490, 29.2510, 4.0270

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.



191.7170, 19.6700, -4.0580



187.4510, -29.2510, -4.0270



193.9600, 23.8400, 8.4800

Square

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



187.4510, -29.2510, -4.0270



193.8300, 3.8950, 12.0150



192.8690, 25.3540, 3.0660



187.8710, -4.4910, -12.2270

Rectangle

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



187.4510, -29.2510, -4.0270



191.6150, -14.6730, 7.1110



192.8690, 25.3540, 3.0660



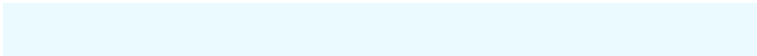
190.4880, 12.8850, -7.7470

Sweetspot

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



187.4510, -29.2510, -4.0270



246.0850, -10.5450, -1.6250



191.5820, -20.2150, -24.6230



121.7650, -6.6480, -0.6640



0.0000, 0.0000, 0.0000



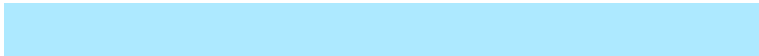
128.0000, -0.0000, -0.0000

Same Dimension

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



187.4510, -29.2510, -4.0270



217.5680, -42.8220, -5.8780



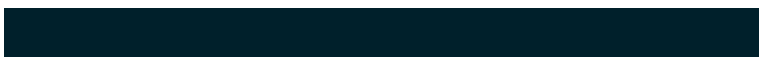
171.0150, -21.5510, 10.6170



101.9500, -5.7310, -0.7630



92.8690, -89.2660, -12.1940



23.6860, -22.6030, -3.3630

Inverse Universe

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



178.4180, 20.2150, 24.6230



204.3580, 29.6120, 36.0440



198.9850, 21.5510, -10.6170



100.2010, 3.9880, 4.8200



65.3790, 61.7910, 75.1270



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 187.4510, -29.2510, -4.0270 looks on a white background.

Color Contrast Check

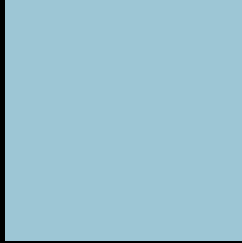
Large Text (above 18pt) WCAG AA × Fail

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 187.4510, -29.2510, -4.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

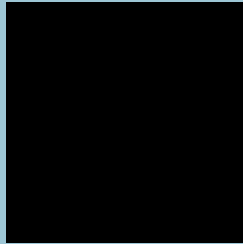
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

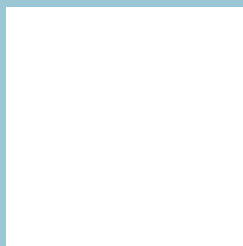
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.4510, -29.2510, -4.0270

Background



This preview shows how black text looks on a background with the YIQ color 187.4510, -29.2510, -4.0270.



This preview shows how white text looks on a background with the YIQ color 187.4510, -29.2510, -4.0270.

-4.0270.

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

187.4510, -29.2510, -4.0270

Protanopia

191.7530, -6.3740, 5.3860

Deuteranopia

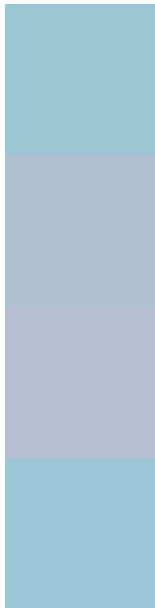
192.8940, -2.1570, 11.5630



Tritanopia

187.5650, -29.5720, -3.7160

Trichromacy



Original Color

187.4510, -29.2510, -4.0270

Protanomaly

190.1540, -14.9930, 1.8950

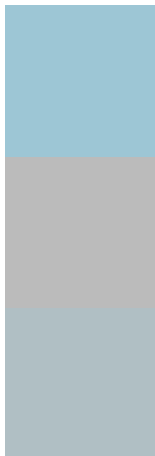
Deuteranomaly

190.6430, -11.8760, 5.9800

Tritanomaly

187.5650, -29.5720, -3.7160

Monochromacy



Original Color

187.4510, -29.2510, -4.0270

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0850, -10.5450, -1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4510, -29.2510, -4.0270 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 213) }
```

Border

The CSS property to change the border of an element to YIQ 187.4510, -29.2510, -4.0270 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, 213) }
```


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

```
.border{ border-color:rgb(157, 198, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(157, 198,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4510, -29.2510, -4.0270 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, 213) }
```

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

```
.background{ background-color: rgb(157,  
198, 213) }
```

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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