

Converting Colors

YIQ(187.5570, -27.0940,
-15.5900)

Have a look what the booklet for
YIQ(187.5570, -27.0940, -15.5900)
contains.

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Color

**YIQ(187.5570, -27.0940,
-15.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	98CDBF
RGB	152, 205, 191
RGB Percent	60%, 80%, 75%
CMY	0.4040, 0.1960, 0.2511
CMYK	0.26, 0.00, 0.07, 0.20
HSL	164°, 35%, 70%
HSV	164°, 26%, 80%
XYZ	44.1804, 54.1059, 57.3909
YIQ	187.5570, -27.0940, -15.5900

Conversions

Conversions Part 2

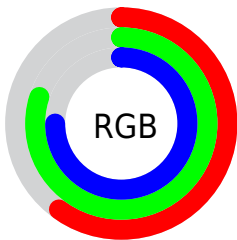
Format	Color
RYB	152, 183, 205
Decimal	10014143
CIELab	78.52, -20.11, 1.41
CIELCh	79, 20.161, 175.976
Yxy	54.1059, 0.2838, 0.3476
Android (android.graphics.Color)	4288204223 (0xFF98CDBF)
YUV	187.5570, 1.6974, -31.1835
Hunter-Lab	73.5567, -21.5118, 5.2300

Details

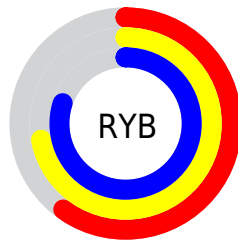
The YIQ color **187.5570, -27.0940, -15.5900** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.4430, 27.0940, 15.5900**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7360, -26.0400, -12.6640**, and **133.9700, -26.8190, -15.0670** is the 20% darker color. If you saturate the color by 10%, you get **180.7080, -38.0050, -21.5970**, and if you desaturate by 10%, it is **194.1070, -16.7790, -9.7950**.

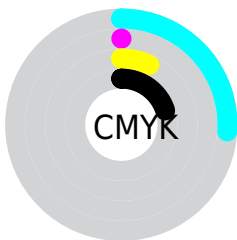
Distribution



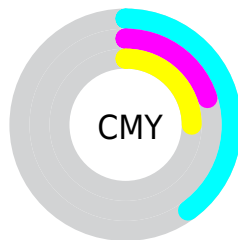
- Red (60%)
- Green (80%)
- Blue (75%)



- Red (60%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5570, -27.0940, -15.5900 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 187.5570, -27.0940, -15.5900 by changing the saturation by 10% instead.

■ 187.5570,
-27.0940, -15.5900

■ 187.5570,
-27.0940, -15.5900

■ 255.0000, -0.0000,
-0.0000

■ 159.9700,
-26.8190, -15.0670

■ 239.7360,
-26.0400, -12.6640

■ 133.9700,
-26.8190, -15.0670

■ 249.3190,
-11.3240, -4.0280

■ 108.2690,
-26.2230, -14.8550

■ 83.3830, -26.5440,
-14.5440

■ 58.6110, -27.1860,
-13.9220

■ 35.4260, -28.1030,
-13.8230

■ 21.2920, -15.8620,

-9.8940

■ 0.0000, 0.0000,
0.0000

■ 187.5570,
-27.0940, -15.5900

■ 187.5570,
-27.0940, -15.5900

■ 180.7080,
-38.0050, -21.5970

■ 194.1070,
-16.7790, -9.7950

■ 174.0440,
-47.9990, -27.7030

■ 201.0700, -6.1890,
-3.4770

■ 167.1950,
-58.9100, -33.7100

■ 207.6200, 4.1260,
2.3180

■ 160.5310,
-68.9040, -39.8160

■ 214.5830, 14.7160,
8.6360

■ 153.6820,
-79.8150, -45.8230

■ 221.1330, 25.0310,
14.4310

■ 147.0180,
-89.8090, -51.9290

■ 222.1160, 23.7010,
16.5090

■ 140.1690,
-100.7200, -57.9360

■ 222.6860, 22.0960,
18.0640

■ 137.5490,
-104.8460, -60.2540

■ 223.2560, 20.4910,
19.6190

■ 223.9400, 18.5650,
21.4850

Harmonies

Analogous

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



189.7130, -10.0380, -16.3260



187.5570, -27.0940, -15.5900



187.3310, -37.9610, -11.3770

Triad

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



187.5570, -27.0940, -15.5900



195.5280, -9.8140, 12.6660



195.7510, 31.4980, 1.8500

Complementary

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



187.5570, -27.0940, -15.5900



169.4430, 27.0940, 15.5900

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.



196.9070, 31.3590, 9.8790



187.5570, -27.0940, -15.5900



197.8030, 8.5250, 16.2130

Square

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



187.5570, -27.0940, -15.5900



192.8030, -27.0060, 4.8500



197.5890, 23.7470, 15.6750



193.6910, 22.5590, -6.8570

Rectangle

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



187.5570, -27.0940, -15.5900



188.0090, -39.7500, -6.4860



197.5890, 23.7470, 15.6750



195.9300, 32.5520, 4.7760

Sweetspot

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



187.5570, -27.0940, -15.5900



248.4500, -10.3150, -5.7950



187.2970, -6.2310, -24.7510



123.6570, -6.4640, -4.0000



0.0000, 0.0000, 0.0000



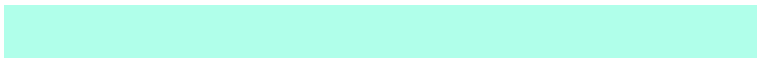
128.0000, -0.0000, -0.0000

Same Dimension

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



187.5570, -27.0940, -15.5900



228.9850, -40.3430, -23.2790



182.1090, -28.2880, -4.9600



98.6680, -4.9970, -3.0530



111.3500, -84.8120, -48.8760



25.4980, -19.4380, -11.1660

Inverse Universe

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



169.4430, 27.0940, 15.5900



202.0150, 40.3430, 23.2790



174.8910, 28.2880, 4.9600



95.3320, 4.9970, 3.0530



54.6500, 84.8120, 48.8760



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 187.5570, -27.0940, -15.5900 looks on a white background.

Color Contrast Check

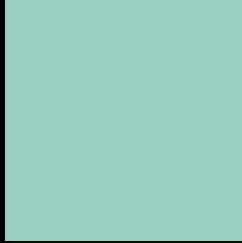
Large Text (above 18pt) WCAG AA × Fail

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 187.5570, -27.0940, -15.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

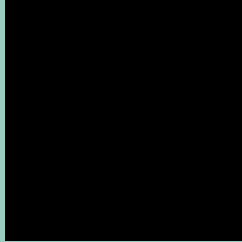
Any Text WCAG AA ✓ Pass

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 187.5570, -27.0940, -15.5900 Background



This preview shows how black text looks on a background with the YIQ color 187.5570, -27.0940, -15.5900.



This preview shows how white text looks on a background with the YIQ color 187.5570, -27.0940, -15.5900.

-15.5900.

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

187.5570, -27.0940, -15.5900

Protanopia

193.7680, 6.4650, -1.5270

Deuteranopia

195.9740, 12.0570, 7.2650



Tritanopia

189.6680, -31.3600, -4.3520

Trichromacy



Original Color

187.5570, -27.0940, -15.5900

Protanomaly

191.3750, -5.7300, -6.2900

Deuteranomaly

192.8040, -2.3840, -0.8480

Tritanomaly

188.6310, -29.9380, -8.0980

Monochromacy



Original Color

187.5570, -27.0940, -15.5900

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7490, -9.7190, -5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5570, -27.0940, -15.5900 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(152, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 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(152, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 191) }
```

Border

The CSS property to change the border of an element to YIQ 187.5570, -27.0940, -15.5900 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(152, 205, 191) }
```


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

```
.border{ border-color:rgb(152, 205, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 205, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5570, -27.0940, -15.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 205, 191) }
```

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

```
.background{ background-color: rgb(152,  
205, 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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