

Converting Colors

YIQ(187.0990, -31.4960,
-12.9040)

Have a look what the booklet for
YIQ(187.0990, -31.4960, -12.9040)
contains.

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Color

**YIQ(187.0990, -31.4960,
-12.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	95CCC8
RGB	149, 204, 200
RGB Percent	58%, 80%, 78%
CMY	0.4158, 0.1999, 0.2158
CMYK	0.27, 0.00, 0.02, 0.20
HSL	176°, 35%, 69%
HSV	176°, 27%, 80%
XYZ	44.4083, 53.7518, 62.6591
YIQ	187.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

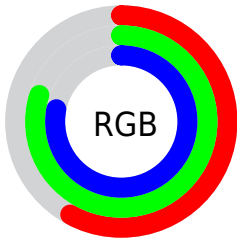
Format	Color
RYB	149, 178, 204
Decimal	9817288
CIELab	78.32, -18.56, -3.74
CIELCh	78, 18.929, 191.398
Yxy	53.7518, 0.2761, 0.3342
Android (android.graphics.Color)	4288007368 (0xFF95CCC8)
YUV	187.0990, 6.3602, -33.4128
Hunter-Lab	73.3156, -20.1823, 0.6488

Details

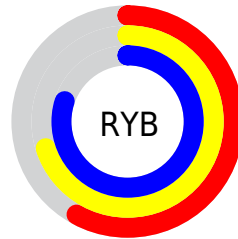
The YIQ color **187.0990, -31.4960, -12.9040** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.9010, 31.4960, 12.9040**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7510, -30.3960, -10.8120**, and **133.3980, -30.9000, -12.6920** is the 20% darker color. If you saturate the color by 10%, you get **180.8910, -42.7740, -17.7660**, and if you desaturate by 10%, it is **193.1930, -19.8970, -8.3530**.

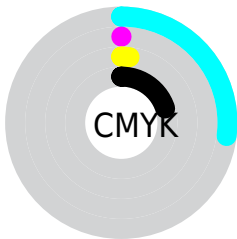
Distribution



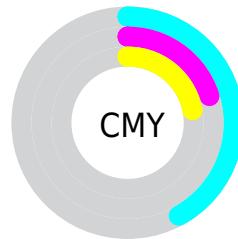
- Red (58%)
- Green (80%)
- Blue (78%)



- Red (58%)
- Yellow (70%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0990, -31.4960, -12.9040 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 187.0990, -31.4960, -12.9040 by changing the saturation by 10% instead.

■ 187.0990,
-31.4960, -12.9040

■ 187.0990,
-31.4960, -12.9040

■ 255.0000, -0.0000,
-0.0000

■ 159.5120,
-31.2210, -12.3810

■ 239.7510,
-30.3960, -10.8120

■ 133.3980,
-30.9000, -12.6920

■ 248.4220,
-13.1120, -4.6640

■ 107.6970,
-30.3040, -12.4800

■ 82.5120, -31.2210,
-12.3810

■ 57.3160, -33.6050,
-13.2290

■ 36.2240, -30.3500,
-11.6460

■ 21.5030, -17.8340,

-7.1940

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 187.0990,
-31.4960, -12.9040

■ 187.0990,
-31.4960, -12.9040

■ 180.8910,
-42.7740, -17.7660

■ 193.1930,
-19.8970, -8.3530

■ 174.4980,
-54.9690, -22.5290

■ 199.7000, -8.0230,
-3.2790

■ 168.2900,
-66.2470, -27.3910

■ 205.7940, 3.5760,
1.2720

■ 161.8970,
-78.4420, -32.1540

■ 212.3010, 15.4500,
6.3460

■ 155.6890,
-89.7200, -37.0160

■ 218.3950, 27.0490,
10.8970

■ 149.5950,
-101.3190, -41.5670

■ 219.8190, 28.7910,
12.3670

■ 143.0880,
-113.1930, -46.6410

■ 219.9330, 28.4700,
12.6780

■ 141.2940,
-116.7690, -47.9130

■ 220.1610, 27.8280,
13.3000

■ 220.2750, 27.5070,
13.6110

Harmonies

Analogous

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



188.3470, -17.6950, -15.2230



187.0990, -31.4960, -12.9040



187.4500, -36.6780, -7.0940

Triad

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



187.0990, -31.4960, -12.9040



196.1440, 0.1350, 14.0790



194.4790, 26.2720, -2.5600

Complementary

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



187.0990, -31.4960, -12.9040



165.9010, 31.4960, 12.9040

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.



195.6740, 30.3970, 5.2850



187.0990, -31.4960, -12.9040



197.1690, 16.1820, 15.1100

Square

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



187.0990, -31.4960, -12.9040



194.0000, -17.1950, 8.7650



196.9220, 27.0030, 11.7310



192.6900, 15.1320, -9.9240

Rectangle

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



187.0990, -31.4960, -12.9040



189.5800, -33.9280, -1.8640



196.9220, 27.0030, 11.7310



194.7290, 28.5640, -0.0440

Sweetspot

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



187.0990, -31.4960, -12.9040



248.7920, -11.2780, -4.8620



182.7800, -12.1450, -27.7050



123.9990, -7.4270, -3.0670



0.0000, 0.0000, 0.0000



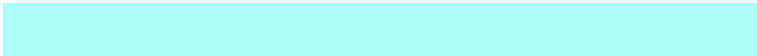
128.0000, -0.0000, -0.0000

Same Dimension

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



187.0990, -31.4960, -12.9040



229.7980, -46.9460, -19.2500



174.0540, -26.4550, 0.3690



98.8960, -5.6390, -2.4310



114.9980, -95.0840, -38.9240



26.2960, -21.6850, -8.9890

Inverse Universe

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



165.9010, 31.4960, 12.9040



198.2020, 46.9460, 19.2500



178.9460, 26.4550, -0.3690



95.1040, 5.6390, 2.4310



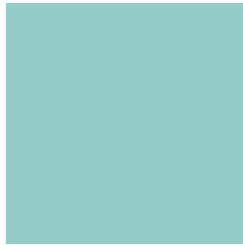
51.0020, 95.0840, 38.9240



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 187.0990, -31.4960, -12.9040 looks on a white background.

Color Contrast Check

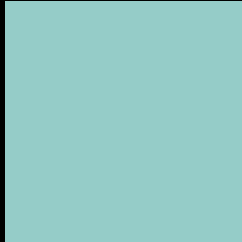
Large Text (above 18pt) WCAG AA × Fail

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 187.0990, -31.4960, -12.9040 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

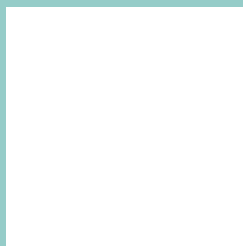
Any Text WCAG AAA ✓ Pass

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

YIQ 187.0990, -31.4960, -12.9040 Background



This preview shows how black text looks on a background with the YIQ color 187.0990, -31.4960, -12.9040.



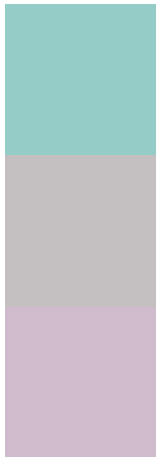
This preview shows how white text looks on a background with the YIQ color 187.0990, -31.4960, -12.9040.

-12.9040.

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

187.0990, -31.4960, -12.9040

Protanopia

193.3100, 2.0630, 1.1590

Deuteranopia

194.8040, 6.7840, 9.2160



Tritanopia

188.4720, -33.7440, -5.2000

Trichromacy



Original Color

187.0990, -31.4960, -12.9040

Protanomaly

190.9170, -10.1320, -3.6040

Deuteranomaly

191.9330, -7.0610, 1.3150

Tritanomaly

188.0760, -32.6890, -7.8010

Monochromacy



Original Color

187.0990, -31.4960, -12.9040

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9060, -11.5990, -4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0990, -31.4960, -12.9040 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(149, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 200)  
}
```

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(149, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 200) }
```

Border

The CSS property to change the border of an element to YIQ 187.0990, -31.4960, -12.9040 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(149, 204, 200) }
```


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

```
.border{ border-color:rgb(149, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(149, 204,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0990, -31.4960, -12.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 200) }
```

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

```
.background{ background-color: rgb(149,  
204, 200) }
```

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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