

Converting Colors

YIQ(197.0780, -9.8080,
-20.4960)

Have a look what the booklet for
YIQ(197.0780, -9.8080, -20.4960)
contains.

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Color

**YIQ(197.0780, -9.8080,
-20.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD5AD
RGB	175, 213, 173
RGB Percent	69%, 84%, 68%
CMY	0.3138, 0.1646, 0.3216
CMYK	0.18, 0.00, 0.19, 0.16
HSL	117°, 32%, 76%
HSV	117°, 19%, 84%
XYZ	49.0135, 59.7241, 48.4788
YIQ	197.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

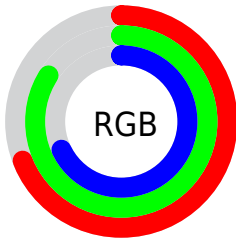
Format	Color
RYB	173, 213, 211
Decimal	11523501
CIELab	81.69, -20.11, 15.71
CIELCh	82, 25.521, 142.011
Yxy	59.7241, 0.3118, 0.3799
Android (android.graphics.Color)	4289713581 (0xFFAFD5AD)
YUV	197.0780, -11.8705, -19.3624
Hunter-Lab	77.2814, -22.0339, 16.9042

Details

The YIQ color **197.0780, -9.8080, -20.4960** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188.9220, 9.8080, 20.4960**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.8600, -5.9580, -13.1740**, and **143.0180, -9.5790, -19.1390** is the 20% darker color. If you saturate the color by 10%, you get **188.7040, -14.9870, -31.2670**, and if you desaturate by 10%, it is **205.4520, -4.6290, -9.7250**.

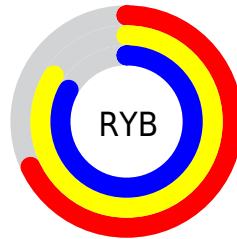
Distribution



Red (69%)

Green (84%)

Blue (68%)



Red (68%)

Yellow (84%)

Blue (83%)

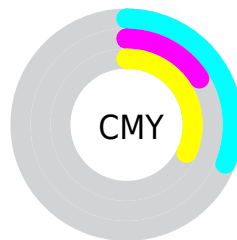


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0780, -9.8080, -20.4960 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 197.0780, -9.8080, -20.4960 by changing the saturation by 10% instead.

■ 197.0780, -9.8080,
-20.4960

■ 197.0780, -9.8080,
-20.4960

255.0000, -0.0000,
-0.0000

■ 169.4910, -9.5330,
-19.9730

■ 244.8600, -5.9580,
-13.1740

■ 143.0180, -9.5790,
-19.1390

■ 117.4310, -9.3040,
-18.6160

■ 92.5450, -9.6250,
-18.3050

■ 68.3710, -9.0750,
-17.2590

■ 45.5990, -9.7170,
-16.6370

■ 23.5560, -8.1580,

-17.3580

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 197.0780, -9.8080,
-20.4960

■ 197.0780, -9.8080,
-20.4960

■ 188.7040,
-14.9870, -31.2670

■ 205.4520, -4.6290,
-9.7250

■ 179.9170,
-20.4410, -42.5610

■ 213.9400, 0.2290,
1.3570

■ 171.5430,
-25.6200, -53.3320

■ 222.6130, 6.0040,
12.3400

■ 163.1690,
-30.7990, -64.1030

■ 230.3460, 11.5500,
21.9660

■ 154.6810,
-35.6570, -75.1850

■ 146.0080,
-41.4320, -86.1680

■ 137.6340,
-46.6110, -96.9390

■ 129.2600,
-51.7900, -107.7100

■ 128.0210,
-52.6150, -109.2790

Harmonies

Analogous

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



199.9190, 12.7490, -16.2990



197.0780, -9.8080, -20.4960



193.9860, -32.9160, -20.2120

Triad

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



197.0780, -9.8080, -20.4960



199.6430, -38.2390, 4.6810



206.3210, 39.0610, 13.4690

Complementary

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



197.0780, -9.8080, -20.4960



188.9220, 9.8080, 20.4960

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.



206.9750, 28.6520, 20.3960



197.0780, -9.8080, -20.4960



204.4720, -15.4080, 14.9280

Square

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



197.0780, -9.8080, -20.4960



194.5500, -51.5790, -6.8670



206.8510, 8.5700, 20.9060



204.8830, 39.9340, 3.1500

Rectangle

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



197.0780, -9.8080, -20.4960



193.1080, -44.8830, -18.0910



206.8510, 8.5700, 20.9060



206.6460, 36.7680, 16.4800

Sweetspot

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



197.0780, -9.8080, -20.4960



248.8050, -4.1250, -7.8450



207.2660, 13.3900, -11.3940



124.2830, -2.4750, -4.7070



0.0000, 0.0000, 0.0000



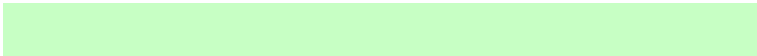
128.0000, -0.0000, -0.0000

Same Dimension

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



197.0780, -9.8080, -20.4960



231.5300, -14.4370, -30.2210



198.5320, -16.7780, -15.3220



102.7560, -2.4290, -5.5410



102.7690, -42.2570, -87.7370



25.8390, -10.6330, -22.0650

Inverse Universe

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



188.9220, 9.8080, 20.4960



219.4700, 14.4370, 30.2210



187.4680, 16.7780, 15.3220



100.5430, 3.0250, 5.7530



67.9320, 41.6610, 87.5250



17.1610, 10.6330, 22.0650

Previews

White Background



This preview shows how the YIQ color 197.0780, -9.8080, -20.4960 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 197.0780, -9.8080, -20.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

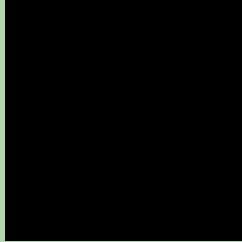
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.0780, -9.8080, -20.4960

Background



This preview shows how black text looks on a background with the YIQ color 197.0780, -9.8080, -20.4960.



This preview shows how white text looks on a background with the YIQ color 197.0780, -9.8080, -20.4960.

-20.4960.

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

197.0780, -9.8080, -20.4960

Protanopia

201.7120, 18.0660, -8.0300

Deuteranopia

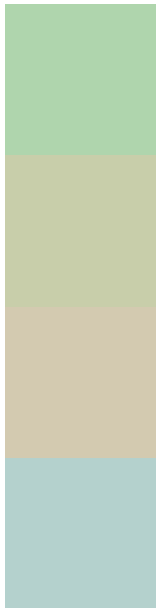
203.7120, 27.2340, 2.0340



Tritanopia

201.0610, -19.1650, 0.4110

Trichromacy



Original Color

197.0780, -9.8080, -20.4960

Protanomaly

200.1020, 7.9800, -12.4680

Deuteranomaly

201.7270, 13.7100, -6.1780

Tritanomaly

199.8730, -16.0000, -7.3920

Monochromacy



Original Color

197.0780, -9.8080, -20.4960

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1040, -3.5290, -7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0780, -9.8080, -20.4960 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(175, 213, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 213, 173)  
}
```

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(175, 213, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 173) }
```

Border

The CSS property to change the border of an element to YIQ 197.0780, -9.8080, -20.4960 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(175, 213, 173) }
```


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

```
.border{ border-color:rgb(175, 213, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 213, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0780, -9.8080, -20.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 173) }
```

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

```
.background{ background-color: rgb(175,  
213, 173) }
```

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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