

Converting Colors

YIQ(198.9560, 11.3270,
-12.5530)

Have a look what the booklet for
YIQ(198.9560, 11.3270, -12.5530)
contains.

YIQ(198.9560, 11.3270, -12.5530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.9560, 11.3270,
-12.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCA5
RGB	202, 204, 165
RGB Percent	79%, 80%, 65%
CMY	0.2079, 0.2000, 0.3529
CMYK	0.01, 0.00, 0.19, 0.20
HSL	63°, 28%, 72%
HSV	63°, 19%, 80%
XYZ	52.7414, 58.4589, 44.1104
YIQ	198.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

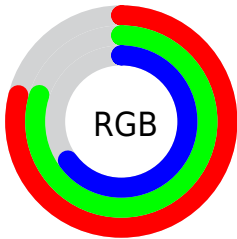
Format	Color
RYB	165, 204, 167
Decimal	13290661
CIELab	80.99, -7.20, 19.24
CIElCh	81, 20.546, 110.517
Yxy	58.4589, 0.3396, 0.3764
Android (android.graphics.Color)	4291480741 (0xFFCACCA5)
YUV	198.9560, -16.7403, 2.6696
Hunter-Lab	76.4584, -10.6720, 19.3153

Details

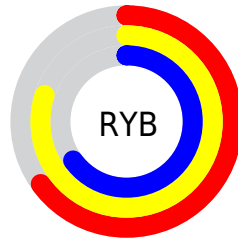
The YIQ color **198.9560, 11.3270, -12.5530** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170.0440, -11.3270, 12.5530**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.0100, 11.2350, -10.8850**, and **145.1840, 10.6850, -11.9310** is the 20% darker color. If you saturate the color by 10%, you get **196.3770, 17.1510, -18.9850**, and if you desaturate by 10%, it is **201.5350, 5.5030, -6.1210**.

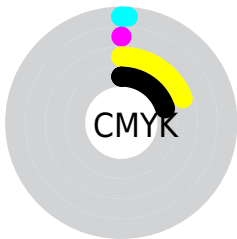
Distribution



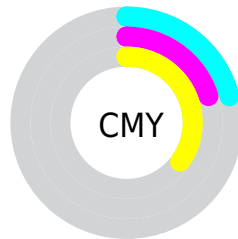
- Red (79%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.9560, 11.3270, -12.5530 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 198.9560, 11.3270, -12.5530 by changing the saturation by 10% instead.

■ 198.9560, 11.3270,
-12.5530

■ 198.9560, 11.3270,
-12.5530

255.0000, -0.0000,
-0.0000

■ 171.7710, 10.4100,
-12.4540

■ 251.0100, 11.2350,
-10.8850

■ 145.1840, 10.6850,
-11.9310

■ 254.3160, 1.9260,
-1.8660

■ 119.2980, 10.3640,
-11.6200

■ 94.5260, 9.7220,
-10.9980

■ 70.3410, 8.8050,
-10.8990

■ 48.1560, 7.8880,
-10.8000

■ 27.1670, 9.3550,

-9.8530

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 198.9560, 11.3270,
-12.5530

■ 198.9560, 11.3270,
-12.5530

■ 196.3770, 17.1510,
-18.9850

■ 201.5350, 5.5030,
-6.1210

■ 193.6840, 23.2960,
-25.7280

■ 204.2280, -0.6420,
0.6220

■ 191.1050, 29.1200,
-32.1600

■ 206.8070, -6.4660,
7.0540

■ 188.4120, 35.2650,
-38.9030

■ 209.5000,
-12.6110, 13.7970

■ 185.8330, 41.0890,
-45.3350

■ 210.7110,
-14.5830, 16.4970

■ 183.2540, 46.9130,
-51.7670

■ 211.0100,
-13.9870, 16.7090

■ 180.5610, 53.0580,
-58.5100

■ 211.3090,
-13.3910, 16.9210

■ 177.9820, 58.8820,
-64.9420

■ 211.6080,
-12.7950, 17.1330

■ 177.4550, 58.9280,
-65.7760

■ 211.9070,
-12.1990, 17.3450

Harmonies

Analogous

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



201.3000, 25.2180, -5.4860



198.9560, 11.3270, -12.5530



196.5670, -6.6910, -16.4110

Triad

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



198.9560, 11.3270, -12.5530



195.5360, -39.7960, -5.6520



204.6320, 22.1880, 16.3960

Complementary

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



198.9560, 11.3270, -12.5530



170.0440, -11.3270, 12.5530

Split Complementary

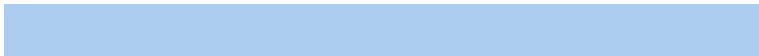
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204.2480, 5.7740, 16.5100



198.9560, 11.3270, -12.5530



199.0090, -30.5820, 3.5780

Square

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



198.9560, 11.3270, -12.5530



193.6900, -37.5940, -12.5220



202.1470, -13.1150, 11.9170



204.1460, 32.1840, 11.4480

Rectangle

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



198.9560, 11.3270, -12.5530



194.9230, -19.4370, -16.6930



202.1470, -13.1150, 11.9170



204.7070, 17.6030, 16.8910

Sweetspot

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



198.9560, 11.3270, -12.5530



252.9910, 4.2190, -4.8770



177.8350, 22.6940, 7.2220



126.6750, 2.2930, -3.0110



0.0000, 0.0000, 0.0000



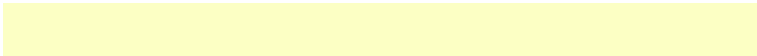
128.0000, -0.0000, -0.0000

Same Dimension

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



198.9560, 11.3270, -12.5530



247.3770, 17.1510, -18.9850



193.2750, 0.0030, -16.5810



100.5610, 2.6140, -3.3220



144.3850, 47.9220, -53.5340



33.0700, 11.0060, -12.2420

Inverse Universe

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



170.0440, -11.3270, 12.5530



203.6230, -17.1510, 18.9850



175.7250, -0.0030, 16.5810



93.1400, -3.2100, 3.1100



21.6150, -47.9220, 53.5340



4.9300, -11.0060, 12.2420

Previews

White Background



This preview shows how the YIQ color 198.9560, 11.3270, -12.5530 looks on a white background.

Color Contrast Check

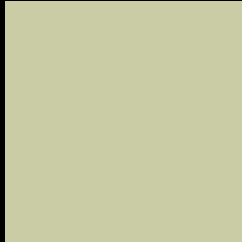
Large Text (above 18pt) WCAG AA × Fail

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 198.9560, 11.3270, -12.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

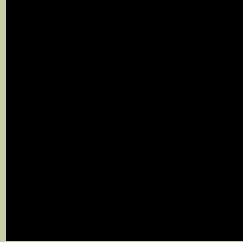
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

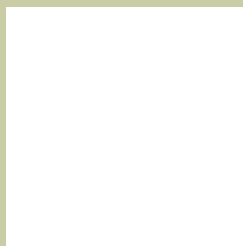
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.9560, 11.3270, -12.5530

Background



This preview shows how black text looks on a background with the YIQ color 198.9560, 11.3270, -12.5530.



This preview shows how white text looks on a background with the YIQ color 198.9560, 11.3270, -12.5530.

-12.5530.

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

198.9560, 11.3270, -12.5530

Protanopia

200.2560, 19.3500, -9.2740

Deuteranopia

201.6970, 31.5900, 0.1820



Tritanopia

202.1130, 1.4200, 7.3080

Trichromacy



Original Color

198.9560, 11.3270, -12.5530

Protanomaly

199.7610, 16.3700, -10.3340

Deuteranomaly

200.6420, 24.2550, -4.5530

Tritanomaly

201.3380, 4.8600, 0.0280

Monochromacy



Original Color

198.9560, 11.3270, -12.5530

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1050, 3.8980, -4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9560, 11.3270, -12.5530 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(202, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 165)  
}
```

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(202, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 165) }
```

Border

The CSS property to change the border of an element to YIQ 198.9560, 11.3270, -12.5530 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(202, 204, 165) }
```


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

```
.border{ border-color:rgb(202, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9560, 11.3270, -12.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 165) }
```

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

```
.background{ background-color: rgb(202,  
204, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor