

Converting Colors

YIQ(197.8560, 7.8920, -32.9080)

Have a look what the booklet for
YIQ(197.8560, 7.8920, -32.9080)
contains.

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Color

**YIQ(197.8560, 7.8920,
-32.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D985
RGB	185, 217, 133
RGB Percent	73%, 85%, 52%
CMY	0.2746, 0.1489, 0.4783
CMYK	0.15, 0.00, 0.39, 0.15
HSL	83°, 53%, 69%
HSV	83°, 39%, 85%
XYZ	49.0513, 61.6369, 31.5110
YIQ	197.8560, 7.8920, -32.9080

Conversions

Conversions Part 2

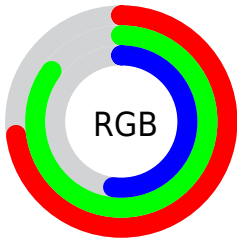
Format	Color
RYB	133, 217, 165
Decimal	12179845
CIELab	82.72, -24.46, 37.92
CIELCh	83, 45.120, 122.825
Yxy	61.6369, 0.3449, 0.4335
Android (android.graphics.Color)	4290369925 (0xFFB9D985)
YUV	197.8560, -31.9740, -11.2747
Hunter-Lab	78.5092, -25.8670, 31.1593

Details

The YIQ color **197.8560, 7.8920, -32.9080** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.1440, -7.8920, 32.9080**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3610, 14.0800, -23.9040**, and **143.6110, 7.2040, -31.4520** is the 20% darker color. If you saturate the color by 10%, you get **192.9560, 10.1860, -41.4460**, and if you desaturate by 10%, it is **202.7560, 5.5980, -24.3700**.

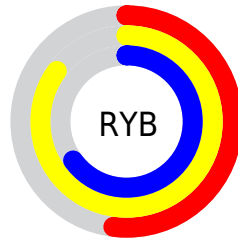
Distribution



Red (73%)

Green (85%)

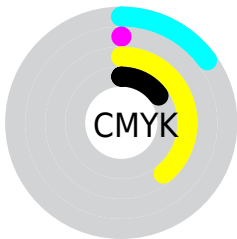
Blue (52%)



Red (52%)

Yellow (85%)

Blue (65%)

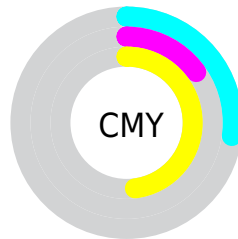


Cyan (15%)

Magenta (0%)

Yellow (39%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.8560, 7.8920, -32.9080 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 197.8560, 7.8920, -32.9080 by changing the saturation by 10% instead.

■ 197.8560, 7.8920,
-32.9080

■ 197.8560, 7.8920,
-32.9080

■ 255.0000, -0.0000,
-0.0000

■ 170.0840, 7.2500,
-32.2860

■ 243.3610, 14.0800,
-23.9040

■ 143.6110, 7.2040,
-31.4520

■ 250.4400, 12.8400,
-12.4400

■ 117.4260, 6.2870,
-31.3530

■ 253.7460, 3.5310,
-3.4210

■ 91.9530, 6.2410,
-30.5190

■ 67.3120, 6.6080,
-31.6640

■ 45.6630, 1.4260,
-25.8540

■ 24.0780, -9.8080,

-20.4960

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 197.8560, 7.8920,
-32.9080

■ 197.8560, 7.8920,
-32.9080

■ 192.9560, 10.1860,
-41.4460

■ 202.7560, 5.5980,
-24.3700

■ 187.8710, 11.5630,
-49.8850

■ 207.8410, 4.2210,
-15.9310

■ 182.9710, 13.8570,
-58.4230

■ 212.7410, 1.9270,
-7.3930

■ 178.0710, 16.1510,
-66.9610

■ 217.6410, -0.3670,
1.1450

■ 173.2850, 18.1240,
-75.1880

■ 222.5410, -2.6610,
9.6830

■ 168.0860, 19.8220,
-83.9380

■ 226.7140, -1.4700,
15.6340

■ 167.4450, 20.1890,
-85.0830

■ 229.1060, 3.2980,
17.3300

■ 231.4980, 8.0660,
19.0260

■ 232.6940, 10.4500,
19.8740

Harmonies

Analogous

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



202.7850, 42.1850, -21.1350



197.8560, 7.8920, -32.9080



190.7660, -35.8930, -37.8530

Triad

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



197.8560, 7.8920, -32.9080



178.8300, -102.6980, -22.0740



200.9380, 39.2420, 26.7140

Complementary

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



197.8560, 7.8920, -32.9080



152.1440, -7.8920, 32.9080

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.



209.2480, 24.1100, 36.6380



197.8560, 7.8920, -32.9080



196.6030, -49.9300, 1.7980

Square

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



197.8560, 7.8920, -32.9080



161.7490, -142.6750, -40.9710



206.9450, -6.1940, 24.1580



198.6120, 51.3030, 11.8710

Rectangle

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



197.8560, 7.8920, -32.9080



183.7590, -69.5460, -39.1940



206.9450, -6.1940, 24.1580



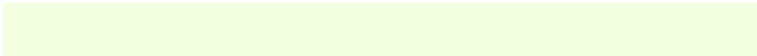
203.2350, 34.1520, 30.8560

Sweetspot

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



197.8560, 7.8920, -32.9080



247.8780, 2.7990, -12.1850



176.3130, 41.5390, 1.5950



123.8550, 1.6060, -7.0820



0.0000, 0.0000, 0.0000



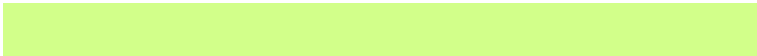
128.0000, -0.0000, -0.0000

Same Dimension

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



197.8560, 7.8920, -32.9080



228.2070, 10.7370, -45.9270



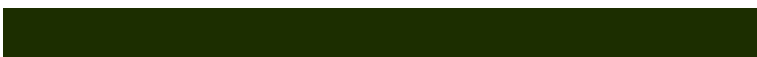
185.5970, -16.5440, -41.6000



107.2510, 0.5510, -4.4810



133.5440, 16.1970, -67.7950



35.3740, 4.0380, -18.1220

Inverse Universe

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



152.1440, -7.8920, 32.9080



164.4940, -11.3330, 45.7150



164.4030, 16.5440, 41.6000



101.4500, -1.1470, 4.2690



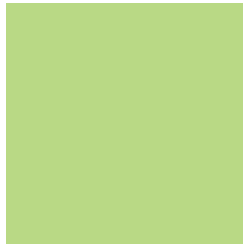
39.4560, -16.1970, 67.7950



10.6260, -4.0380, 18.1220

Previews

White Background



This preview shows how the YIQ color 197.8560, 7.8920, -32.9080 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 197.8560, 7.8920, -32.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

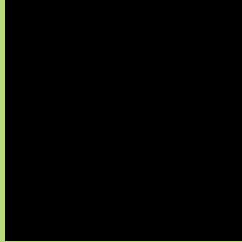
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.8560, 7.8920, -32.9080

Background



This preview shows how black text looks on a background with the YIQ color 197.8560, 7.8920, -32.9080.



This preview shows how white text looks on a background with the YIQ color 197.8560, 7.8920, -32.9080.

-32.9080.

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

197.8560, 7.8920, -32.9080

Protanopia

202.0170, 35.7200, -19.6080

Deuteranopia

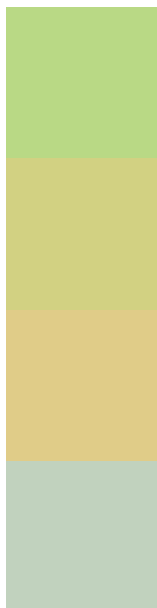
204.3380, 48.4180, -7.4380



Tritanopia

205.2470, -10.8210, 3.3790

Trichromacy



Original Color

197.8560, 7.8920, -32.9080

Protanomaly

200.2930, 25.9550, -24.3570

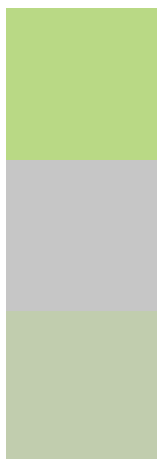
Deuteranomaly

202.2280, 33.7480, -16.9080

Tritanomaly

202.6370, -3.7120, -9.8240

Monochromacy



Original Color

197.8560, 7.8920, -32.9080

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8780, 2.7990, -12.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.8560, 7.8920, -32.9080 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(185, 217, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 133)  
}
```

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(185, 217, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 133) }
```

Border

The CSS property to change the border of an element to YIQ 197.8560, 7.8920, -32.9080 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(185, 217, 133) }
```


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

```
.border{ border-color:rgb(185, 217, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 197.8560, 7.8920, -32.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 133) }
```

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

```
.background{ background-color: rgb(185,  
217, 133) }
```

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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