

Converting Colors

YIQ(199.5020, 9.1290, -27.7910)

Have a look what the booklet for
YIQ(199.5020, 9.1290, -27.7910)
contains.

YIQ(199.5020, 9.1290, -27.7910)	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(199.5020, 9.1290,
-27.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD78E
RGB	191, 215, 142
RGB Percent	75%, 84%, 56%
CMY	0.2511, 0.1568, 0.4430
CMYK	0.11, 0.00, 0.34, 0.16
HSL	80°, 48%, 70%
HSV	80°, 34%, 84%
XYZ	50.6665, 61.6326, 34.8264
YIQ	199.5020, 9.1290, -27.7910

Conversions

Conversions Part 2

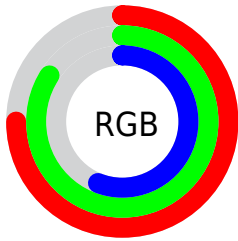
Format	Color
RYB	142, 215, 166
Decimal	12572558
CIELab	82.72, -20.09, 33.43
CIElCh	83, 39.001, 121.012
Yxy	61.6326, 0.3444, 0.4189
Android (android.graphics.Color)	4290762638 (0xFFBFD78E)
YUV	199.5020, -28.3485, -7.4563
Hunter-Lab	78.5064, -22.1859, 28.6528

Details

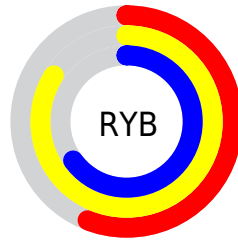
The YIQ color **199.5020, 9.1290, -27.7910** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157.4980, -9.1290, 27.7910**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1810, 14.7670, -19.8330**, and **145.2570, 8.4410, -26.3350** is the 20% darker color. If you saturate the color by 10%, you get **195.0150, 11.6980, -35.8060**, and if you desaturate by 10%, it is **204.1030, 6.2390, -19.4650**.

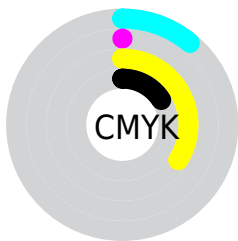
Distribution



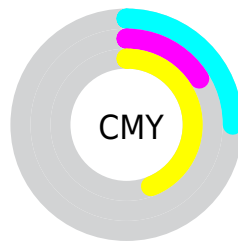
- Red (75%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5020, 9.1290, -27.7910 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 199.5020, 9.1290, -27.7910 by changing the saturation by 10% instead.

■ 199.5020, 9.1290,
-27.7910

■ 199.5020, 9.1290,
-27.7910

255.0000, -0.0000,
-0.0000

■ 171.7300, 8.4870,
-27.1690

■ 246.1810, 14.7670,
-19.8330

■ 145.2570, 8.4410,
-26.3350

■ 251.5800, 9.6300,
-9.3300

■ 119.0720, 7.5240,
-26.2360

■ 254.7720, 0.6420,
-0.6220

■ 94.3000, 6.8820,
-25.6140

■ 69.7130, 7.1570,
-25.0910

■ 46.8700, 5.2770,
-24.0590

■ 26.7800, -2.9770,

-17.6410

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 199.5020, 9.1290,
-27.7910

■ 199.5020, 9.1290,
-27.7910

■ 195.0150, 11.6980,
-35.8060

■ 204.1030, 6.2390,
-19.4650

■ 190.4140, 14.5880,
-44.1320

■ 208.5900, 3.6700,
-11.4500

■ 185.9270, 17.1570,
-52.1470

■ 213.1910, 0.7800,
-3.1240

■ 181.3260, 20.0470,
-60.4730

■ 217.6780, -1.7890,
4.8910

■ 176.8390, 22.6160,
-68.4880

■ 222.2790, -4.6790,
13.2170

■ 171.9390, 24.9100,
-77.0260

■ 224.9420, -2.1120,
16.2560

■ 169.2610, 26.6990,
-81.9170

■ 227.3340, 2.6560,
17.9520

■ 229.4270, 6.8280,
19.4360

■ 231.5200, 11.0000,
20.9200

Harmonies

Analogous

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



203.5660, 38.6080, -16.8800



199.5020, 9.1290, -27.7910



193.8320, -27.0910, -32.1710

Triad

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



199.5020, 9.1290, -27.7910



187.8220, -81.8840, -13.8200



204.2150, 36.9040, 25.0320

Complementary

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



199.5020, 9.1290, -27.7910



157.4980, -9.1290, 27.7910

Split Complementary

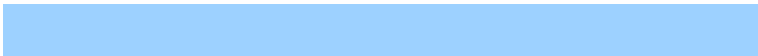
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.2430, 22.5060, 32.6660



199.5020, 9.1290, -27.7910



198.6960, -45.7580, 3.2820

Square

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



199.5020, 9.1290, -27.7910



182.0880, -94.8570, -26.5130



207.5100, -9.4030, 21.7410



201.8720, 47.6350, 12.2670

Rectangle

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



199.5020, 9.1290, -27.7910



189.3590, -53.5000, -32.6360



207.5100, -9.4030, 21.7410



206.2840, 32.4560, 28.5520

Sweetspot

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



199.5020, 9.1290, -27.7910



249.7580, 3.2570, -9.4710



177.3280, 37.1830, 3.4470



124.3820, 1.5600, -6.2480



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.



199.5020, 9.1290, -27.7910



232.8640, 13.4410, -39.8630



188.7380, -12.3270, -35.4230



104.8490, 1.7430, -4.0570



134.7620, 21.5150, -65.0530



33.9120, 5.4590, -16.3410

Inverse Universe

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



157.4980, -9.1290, 27.7910



172.4350, -12.8450, 40.0750



168.2620, 12.3270, 35.4230



98.4500, -1.1470, 4.2690



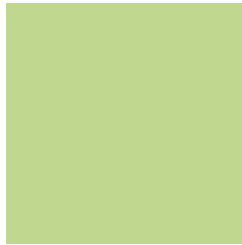
36.2380, -21.5150, 65.0530



9.0880, -5.4590, 16.3410

Previews

White Background



This preview shows how the YIQ color 199.5020, 9.1290, -27.7910 looks on a white background.

Color Contrast Check

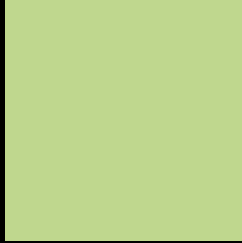
Large Text (above 18pt) WCAG AA × Fail

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 199.5020, 9.1290, -27.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

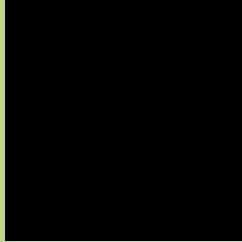
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5020, 9.1290, -27.7910

Background



This preview shows how black text looks on a background with the YIQ color 199.5020, 9.1290, -27.7910.



This preview shows how white text looks on a background with the YIQ color 199.5020, 9.1290,

-27.7910.

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

199.5020, 9.1290, -27.7910

Protanopia

202.7440, 32.2350, -17.0210

Deuteranopia

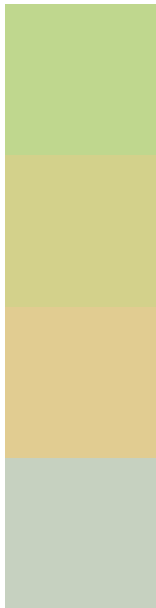
205.2390, 44.3830, -5.8970



Tritanopia

205.9270, -6.9240, 4.3400

Trichromacy



Original Color

199.5020, 9.1290, -27.7910

Protanomaly

201.6180, 23.6620, -21.3460

Deuteranomaly

203.5530, 31.4550, -13.8970

Tritanomaly

203.7730, -1.0990, -7.6190

Monochromacy



Original Color

199.5020, 9.1290, -27.7910

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.6440, 3.5780, -9.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5020, 9.1290, -27.7910 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(191, 215, 142)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 142)  
}
```

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(191, 215, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 142) }
```

Border

The CSS property to change the border of an element to YIQ 199.5020, 9.1290, -27.7910 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(191, 215, 142) }
```


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

```
.border{ border-color:rgb(191, 215, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 215, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 215, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 215, 142); box-shadow:4px 4px 4px 4px rgb(191, 215, 142) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5020, 9.1290, -27.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 215, 142) }
```

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

```
.background{ background-color: rgb(191,  
215, 142) }
```

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