

Converting Colors

YIQ(172.2920, -7.8350,
-28.7230)

Have a look what the booklet for
YIQ(172.2920, -7.8350, -28.7230)
contains.

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Color

**YIQ(172.2920, -7.8350,
-28.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	93C184
RGB	147, 193, 132
RGB Percent	58%, 76%, 52%
CMY	0.4237, 0.2430, 0.4823
CMYK	0.24, 0.00, 0.32, 0.24
HSL	105°, 33%, 64%
HSV	105°, 32%, 76%
XYZ	35.2652, 46.0140, 28.8542
YIQ	172.2920, -7.8350, -28.7230

Conversions

Conversions Part 2

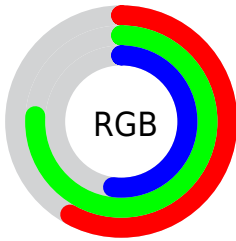
Format	Color
RYB	132, 193, 178
Decimal	9683332
CIELab	73.55, -26.73, 25.94
CIELCh	74, 37.245, 135.854
Yxy	46.0140, 0.3202, 0.4178
Android (android.graphics.Color)	4287873412 (0xFF93C184)
YUV	172.2920, -19.8640, -22.1811
Hunter-Lab	67.8336, -25.9106, 22.2635

Details

The YIQ color **172.2920, -7.8350, -28.7230** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.7080, 7.8350, 28.7230**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.2380, -7.7430, -30.3910**, and **119.3460, -7.9270, -27.0550** is the 20% darker color. If you saturate the color by 10%, you get **165.6410, -10.6760, -37.8120**, and if you desaturate by 10%, it is **178.9430, -4.9940, -19.6340**.

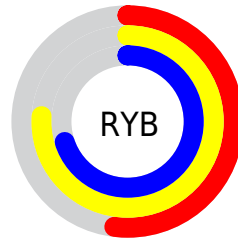
Distribution



Red (58%)

Green (76%)

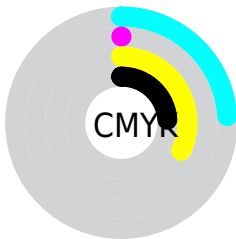
Blue (52%)



Red (52%)

Yellow (76%)

Blue (70%)

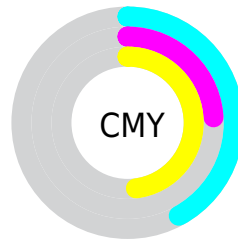


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (24%)



Cyan (42%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2920, -7.8350, -28.7230 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 172.2920, -7.8350, -28.7230 by changing the saturation by 10% instead.

■ 172.2920, -7.8350,
-28.7230

■ 172.2920, -7.8350,
-28.7230

■ 255.0000, -0.0000,
-0.0000

■ 145.7050, -7.5600,
-28.2000

■ 228.2380, -7.7430,
-30.3910

■ 119.3460, -7.9270,
-27.0550

■ 242.7370, -1.4180,
-18.3620

■ 94.4600, -8.2480,
-26.7440

■ 253.5180, 4.1730,
-4.0430

■ 69.6880, -8.8900,
-26.1220

■ 45.6170, -10.1280,
-25.7120

■ 24.6540, -11.5500,
-21.9660

■ 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 172.2920, -7.8350,
-28.7230

■ 172.2920, -7.8350,
-28.7230

■ 165.6410,
-10.6760, -37.8120

■ 178.9430, -4.9940,
-19.6340

■ 159.1750,
-12.6000, -47.0000

■ 185.4090, -3.0700,
-10.4460

■ 152.5240,
-15.4410, -56.0890

■ 192.0600, -0.2290,
-1.3570

■ 146.1720,
-17.6860, -64.9660

■ 198.4120, 2.0160,
7.5200

■ 139.4070,
-20.2060, -74.3660

■ 205.1770, 4.5360,
16.9200

■ 133.0550,
-22.4510, -83.2430

■ 211.5290, 6.7810,
25.7970

■ 127.3440,
-25.0630, -90.9750

■ 216.8120, 13.4740,
31.1540

■ 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



176.3190, 23.0660, -21.5580



172.2920, -7.8350, -28.7230



166.2030, -44.1930, -30.6010

Triad

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



172.2920, -7.8350, -28.7230



170.6810, -67.7650, 0.1310



183.8330, 52.5390, 22.5150

Complementary

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



172.2920, -7.8350, -28.7230



152.7080, 7.8350, 28.7230

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.



185.0070, 34.7940, 30.2340



172.2920, -7.8350, -28.7230



180.6690, -31.9600, 17.5440

Square

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



172.2920, -7.8350, -28.7230



157.9020, -94.0330, -19.4170



184.8540, 4.4880, 28.8080



182.0160, 55.7970, 7.5170

Rectangle

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



172.2920, -7.8350, -28.7230



160.4420, -69.7310, -30.3310



184.8540, 4.4880, 28.8080



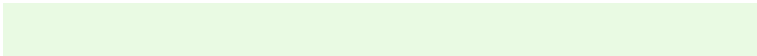
184.2010, 48.6870, 26.2470

Sweetspot

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



172.2920, -7.8350, -28.7230



242.2950, -2.7490, -10.7570



177.2410, 23.7060, -11.1260



120.4140, -1.4660, -6.4740



252.0000, 0.0000, 0.0000



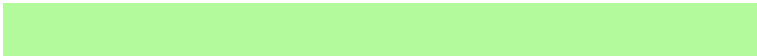
125.0000, 0.0000, 0.0000

Same Dimension

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



172.2920, -7.8350, -28.7230



217.6420, -12.4170, -44.8090



169.5170, -21.5900, -27.2380



93.7670, -0.9620, -4.5940



106.1680, -21.0310, -75.9350



21.7630, -4.3070, -15.5630

Inverse Universe

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



152.7080, 7.8350, 28.7230



187.3580, 12.4170, 44.8090



155.4830, 21.5900, 27.2380



90.5320, 1.5580, 4.8060



54.5330, 20.4350, 75.7230



11.2370, 4.3070, 15.5630

Previews

White Background



This preview shows how the YIQ color 172.2920, -7.8350, -28.7230 looks on a white background.

Color Contrast Check

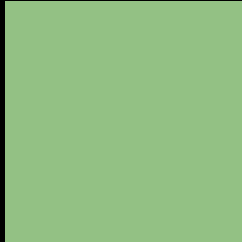
Large Text (above 18pt) WCAG AA × Fail

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 172.2920, -7.8350, -28.7230 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 172.2920, -7.8350, -28.7230

Background



This preview shows how black text looks on a background with the YIQ color 172.2920, -7.8350, -28.7230.



This preview shows how white text looks on a background with the YIQ color 172.2920, -7.8350,

-28.7230.

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

172.2920, -7.8350, -28.7230

Protanopia

178.0300, 25.6780, -13.8260

Deuteranopia

180.4430, 35.1210, -3.2390



Tritanopia

178.5230, -20.5860, -1.3700

Trichromacy



Original Color

172.2920, -7.8350, -28.7230

Protanomaly

176.1100, 13.5290, -19.4230

Deuteranomaly

177.2620, 19.2130, -12.2990

Tritanomaly

176.3520, -16.0910, -11.2510

Monochromacy



Original Color

172.2920, -7.8350, -28.7230

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.2950, -2.7490, -10.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2920, -7.8350, -28.7230 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(147, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(147, 193, 132)  
}
```

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(147, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 193, 132) }
```

Border

The CSS property to change the border of an element to YIQ 172.2920, -7.8350, -28.7230 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(147, 193, 132) }
```


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

```
.border{ border-color:rgb(147, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(147, 193,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2920, -7.8350, -28.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 193, 132) }
```

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

```
.background{ background-color: rgb(147,  
193, 132) }
```

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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