

Converting Colors

YIQ(122.4920, 7.0620, -6.8420)

Have a look what the booklet for
YIQ(122.4920, 7.0620, -6.8420)
contains.

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Color

**YIQ(122.4920, 7.0620,
-6.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D67
RGB	125, 125, 103
RGB Percent	49%, 49%, 40%
CMY	0.5098, 0.5098, 0.5960
CMYK	0.00, 0.00, 0.18, 0.51
HSL	60°, 10%, 45%
HSV	60°, 18%, 49%
XYZ	18.2393, 20.0064, 15.7353
YIQ	122.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

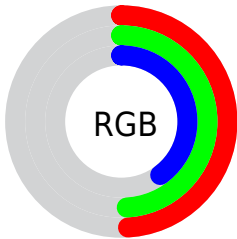
Format	Color
RYB	103, 125, 103
Decimal	8224103
CIELab	51.84, -4.03, 12.02
CIElCh	52, 12.678, 108.556
Yxy	20.0064, 0.3379, 0.3706
Android (android.graphics.Color)	4286414183 (0xFF7D7D67)
YUV	122.4920, -9.6096, 2.1995
Hunter-Lab	44.7285, -5.4866, 10.4520

Details

The YIQ color $122.4920, 7.0620, -6.8420$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $105.5080, -7.0620, 6.8420$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.2640, 7.7040, -7.4640$, and $73.7200, 6.4200, -6.2200$ is the 20% darker color. If you saturate the color by 10%, you get $121.1240, 10.9140, -10.5740$, and if you desaturate by 10%, it is $123.9740, 2.8890, -2.7990$.

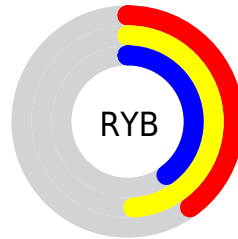
Distribution



Red (49%)

Green (49%)

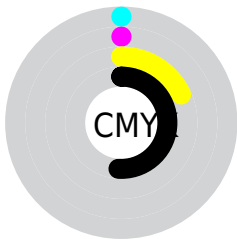
Blue (40%)



Red (40%)

Yellow (49%)

Blue (40%)

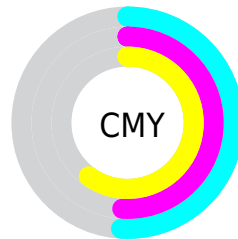


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4920, 7.0620, -6.8420 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 122.4920, 7.0620, -6.8420 by changing the saturation by 10% instead.

■ 122.4920, 7.0620,
-6.8420

■ 122.4920, 7.0620,
-6.8420

■ 255.0000, -0.0000,
-0.0000

■ 97.6060, 6.7410,
-6.5310

■ 175.2640, 7.7040,
-7.4640

■ 73.7200, 6.4200,
-6.2200

■ 202.2640, 7.7040,
-7.4640

■ 51.4210, 5.8240,
-6.4320

■ 230.5630, 8.3000,
-7.2520

■ 29.8340, 6.0990,
-5.9090

■ 252.9480, 5.7780,
-5.5980

■ 5.8700, -2.7500,
-5.2300

■ 0.0000, 0.0000,
0.0000

■ 122.4920, 7.0620,
-6.8420

■ 122.4920, 7.0620,
-6.8420

■ 121.1240, 10.9140,
-10.5740

■ 123.9740, 2.8890,
-2.7990

■ 119.6420, 15.0870,
-14.6170

■ 125.3420, -0.9630,
0.9330

■ 118.2740, 18.9390,
-18.3490

■ 126.8240, -5.1360,
4.9760

■ 116.7920, 23.1120,
-22.3920

■ 128.1920, -8.9880,
8.7080

■ 115.4240, 26.9640,
-26.1240

■ 129.6740,
-13.1610, 12.7510

■ 113.9420, 31.1370,
-30.1670

■ 131.0420,
-17.0130, 16.4830

■ 112.5740, 34.9890,
-33.8990

■ 132.5240,
-21.1860, 20.5260

■ 111.0920, 39.1620,

■ 133.8920,

-37.9420

-25.0380, 24.2580

■ 110.7500, 40.1250,
-38.8750

■ 135.3740,
-29.2110, 28.3010

Harmonies

Analogous

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



123.4330, 14.7180, -2.4180



122.4920, 7.0620, -6.8420



121.3490, -2.8410, -9.0890

Triad

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



122.4920, 7.0620, -6.8420



120.5720, -22.2820, -3.6740



125.4410, 12.2400, 9.4560

Complementary

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



122.4920, 7.0620, -6.8420



105.5080, -7.0620, 6.8420

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.



125.6510, 2.8410, 9.0890



122.4920, 7.0620, -6.8420



122.4850, -17.4230, 1.8810

Square

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



122.4920, 7.0620, -6.8420



119.5350, -20.8600, -7.4200



123.9100, -8.2540, 6.4180



125.3830, 18.1550, 6.8830

Rectangle

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



122.4920, 7.0620, -6.8420



120.2280, -9.8100, -9.4420



123.9100, -8.2540, 6.4180



125.5870, 8.8930, 9.5410

Sweetspot

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



122.4920, 7.0620, -6.8420



162.0880, 2.5680, -2.4880



109.5780, 13.1120, 4.6640



81.4300, 1.6050, -1.5550



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



122.4920, 7.0620, -6.8420



159.1240, 10.9140, -10.5740



119.2030, 0.5060, -9.1740



63.2020, 2.2470, -2.1770



113.1090, 40.4920, -40.0200



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.5080, -7.0620, 6.8420



132.8760, -10.9140, 10.5740



108.7970, -0.5060, 9.1740



57.7980, -2.2470, 2.1770



14.5920, -41.0880, 39.8080



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.4920, 7.0620, -6.8420 looks on a white background.

Color Contrast Check

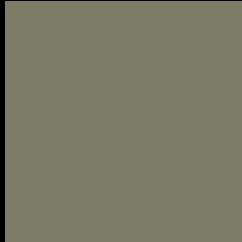
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4920, 7.0620, -6.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

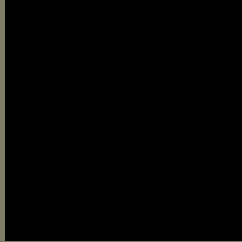
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

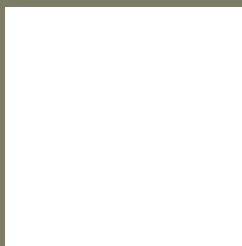
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.4920, 7.0620, -6.8420

Background



This preview shows how black text looks on a background with the YIQ color 122.4920, 7.0620, -6.8420.



This preview shows how white text looks on a background with the YIQ color 122.4920, 7.0620,

-6.8420.

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

122.4920, 7.0620, -6.8420

Protanopia

122.9980, 11.5090, -4.8350

Deuteranopia

124.1670, 18.5230, 0.2110



Tritanopia

124.5320, 1.5580, 4.8060

Trichromacy



Original Color

122.4920, 7.0620, -6.8420

Protanomaly

122.9870, 10.0420, -5.7820

Deuteranomaly

123.5470, 14.3970, -2.1070

Tritanomaly

123.6800, 3.8970, 0.9610

Monochromacy



Original Color

122.4920, 7.0620, -6.8420

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4920, 7.0620, -6.8420 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(125, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 103)  
}
```

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(125, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 103) }
```

Border

The CSS property to change the border of an element to YIQ 122.4920, 7.0620, -6.8420 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(125, 125, 103) }
```


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

```
.border{ border-color:rgb(125, 125, 103) }
```

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

Here you see how a box with a 4 pixel rgb(125, 125, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4920, 7.0620, -6.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 103) }
```

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

```
.background{ background-color: rgb(125,  
125, 103) }
```

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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