

Converting Colors

YIQ(122.1900, 19.7160, -4.8920)

Have a look what the booklet for
YIQ(122.1900, 19.7160, -4.8920)
contains.

YIQ(122.1900, 19.7160, -4.8920)	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(122.1900, 19.7160,
-4.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	8A785C
RGB	138, 120, 92
RGB Percent	54%, 47%, 36%
CMY	0.4588, 0.5294, 0.6391
CMYK	0.00, 0.13, 0.33, 0.46
HSL	36°, 20%, 45%
HSV	36°, 33%, 54%
XYZ	19.1307, 19.6081, 12.9075
YIQ	122.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

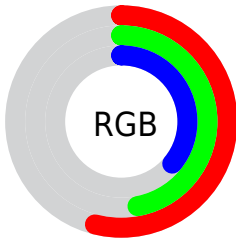
Format	Color
R_{YB}	122, 138, 92
Decimal	9074780
CIE _{Lab}	51.39, 2.54, 17.94
CIE _{LCh}	51, 18.123, 81.932
Yxy	19.6081, 0.3704, 0.3797
Android (android.graphics.Color)	4287264860 (0xFF8A785C)
YUV	122.1900, -14.8837, 13.8654
Hunter-Lab	44.2810, -0.3744, 13.7142

Details

The YIQ color **122.1900, 19.7160, -4.8920** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107.8100, -19.7160, 4.8920**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.5600, 21.5500, -5.0900**, and **73.5210, 17.2860, -4.9060** is the 20% darker color. If you saturate the color by 10%, you get **117.6590, 25.5850, -6.6310**, and if you desaturate by 10%, it is **126.7210, 13.8470, -3.1530**.

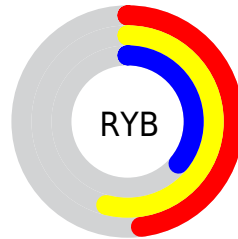
Distribution



Red (54%)

Green (47%)

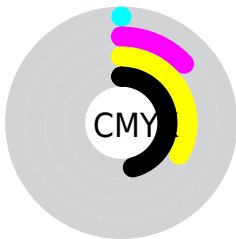
Blue (36%)



Red (48%)

Yellow (54%)

Blue (36%)

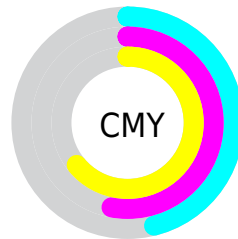


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.1900, 19.7160, -4.8920 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 122.1900, 19.7160, -4.8920 by changing the saturation by 10% instead.

■ 122.1900, 19.7160,
-4.8920

■ 122.1900, 19.7160,
-4.8920

■ 255.0000, -0.0000,
-0.0000

■ 97.0050, 18.7990,
-4.7930

■ 174.5600, 21.5500,
-5.0900

■ 73.5210, 17.2860,
-4.9060

■ 201.8590, 22.1460,
-4.8780

■ 50.4500, 16.0480,
-4.4960

■ 230.0440, 23.0630,
-4.9770

■ 28.6950, 16.7360,
-5.9520

■ 251.4660, 9.9510,
-9.6410

■ 5.9470, 7.5190,
1.3990

■ 254.7720, 0.6420,
-0.6220

■ 0.0000, 0.0000,
0.0000

■ 122.1900, 19.7160,
-4.8920

■ 122.1900, 19.7160,
-4.8920

■ 117.6590, 25.5850,
-6.6310

■ 126.7210, 13.8470,
-3.1530

■ 112.5410, 31.7290,
-7.8470

■ 131.8390, 7.7030,
-1.9370

■ 108.1240, 37.2770,
-9.2750

■ 136.2560, 2.1550,
-0.5090

■ 103.0060, 43.4210,
-10.4910

■ 141.3740, -3.9890,
0.7070

■ 98.4750, 49.2900,
-12.2300

■ 145.9050, -9.8580,
2.4460

■ 93.9440, 55.1590,
-13.9690

■ 150.4360,
-15.7270, 4.1850

■ 90.5700, 59.1480,
-14.6760

■ 155.5540,
-21.8710, 5.4010

■ 159.9710,

-27.4190, 6.8290

■ 165.0890,
-33.5630, 8.0450

Harmonies

Analogous

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



123.6410, 25.9960, 2.4440



122.1900, 19.7160, -4.8920



120.5690, 8.1630, -10.2770

Triad

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



122.1900, 19.7160, -4.8920



115.6800, -31.6340, -10.4020



124.9550, 5.0410, 13.2730

Complementary

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



122.1900, 19.7160, -4.8920



107.8100, -19.7160, 4.8920

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.



123.2350, -10.5470, 9.4290



122.1900, 19.7160, -4.8920



116.8850, -33.4690, -4.6770

Square

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



122.1900, 19.7160, -4.8920



116.6610, -21.4550, -13.1590



120.1190, -25.0800, 2.9840



125.3710, 18.4290, 12.9330

Rectangle

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



122.1900, 19.7160, -4.8920



119.3120, -1.4190, -12.8350



120.1190, -25.0800, 2.9840



124.5030, 0.5020, 12.9340

Sweetspot

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



122.1900, 19.7160, -4.8920



172.8390, 7.7030, -1.9370



107.8060, 21.6380, 15.3500



85.5120, 4.3100, -1.0180



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



122.1900, 19.7160, -4.8920



154.3560, 30.8120, -7.7480



131.2610, 11.7860, -15.3660



66.4410, 3.0720, -0.6080



87.3140, 56.9930, -14.1670



3.2560, 2.1550, -0.5090

Inverse Universe

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



107.8100, -19.7160, 4.8920



131.6440, -30.8120, 7.7480



98.7390, -11.7860, 15.3660



64.5590, -3.0720, 0.6080



45.6860, -56.9930, 14.1670



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 122.1900, 19.7160, -4.8920 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 122.1900, 19.7160, -4.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

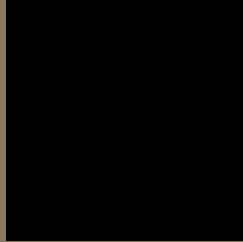
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.1900, 19.7160, -4.8920

Background



This preview shows how black text looks on a background with the YIQ color 122.1900, 19.7160, -4.8920.



This preview shows how white text looks on a background with the YIQ color 122.1900, 19.7160,

-4.8920.

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

122.1900, 19.7160, -4.8920

Protanopia

121.3850, 14.6730, -7.1110

Deuteranopia

122.9240, 23.5210, -2.2630



Tritanopia

124.8000, 12.6070, 8.3110

Trichromacy



Original Color

122.1900, 19.7160, -4.8920

Protanomaly

121.6950, 16.7360, -5.9520

Deuteranomaly

122.9130, 22.0540, -3.2100

Tritanomaly

123.7200, 15.5880, 3.8440

Monochromacy



Original Color

122.1900, 19.7160, -4.8920

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9530, 7.3820, -1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.1900, 19.7160, -4.8920 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(138, 120, 92)` looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 92)  
}
```

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(138, 120, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 92) }
```

Border

The CSS property to change the border of an element to YIQ 122.1900, 19.7160, -4.8920 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(138, 120, 92) }
```


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

```
.border{ border-color:rgb(138, 120, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 120, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 92);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 122.1900, 19.7160, -4.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 92) }
```

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

```
.background{ background-color: rgb(138,  
120, 92) }
```

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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