

Converting Colors

YIQ(103.5420, 21.9610, 3.9850)

Have a look what the booklet for
YIQ(103.5420, 21.9610, 3.9850)
contains.

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Color

**YIQ(103.5420, 21.9610,
3.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5F56
RGB	127, 95, 86
RGB Percent	50%, 37%, 34%
CMY	0.5019, 0.6275, 0.6626
CMYK	0.00, 0.25, 0.32, 0.50
HSL	13°, 19%, 42%
HSV	13°, 32%, 50%
XYZ	14.5268, 13.3677, 10.6237
YIQ	103.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

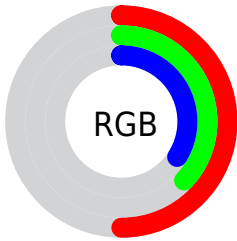
Format	Color
R_{YB}	127, 98, 86
Decimal	8347478
CIE Lab	43.31, 11.67, 10.19
CIE LCh	43, 15.495, 41.113
Yxy	13.3677, 0.3771, 0.3470
Android (android.graphics.Color)	4286537558 (0xFF7F5F56)
YUV	103.5420, -8.6482, 20.5727
Hunter-Lab	36.5618, 6.9385, 8.3654

Details

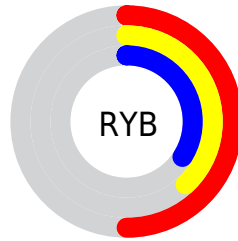
The YIQ color **103.5420, 21.9610, 3.9850** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.4580, -21.9610, -3.9850**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.3250, 24.0700, 4.3100**, and **56.4600, 19.2560, 3.4480** is the 20% darker color. If you saturate the color by 10%, you get **96.1900, 28.8840, 5.1720**, and if you desaturate by 10%, it is **110.8940, 15.0380, 2.7980**.

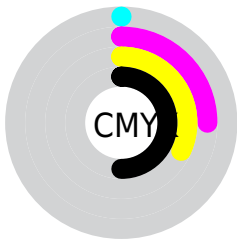
Distribution



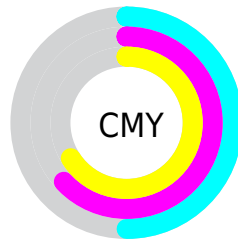
- Red (50%)
- Green (37%)
- Blue (34%)



- Red (50%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.5420, 21.9610, 3.9850 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 103.5420, 21.9610, 3.9850 by changing the saturation by 10% instead.

■ 103.5420, 21.9610,
3.9850

■ 103.5420, 21.9610,
3.9850

■ 255.0000, -0.0000,
-0.0000

■ 79.0580, 20.4480,
3.8720

■ 155.3250, 24.0700,
4.3100

■ 56.4600, 19.2560,
3.4480

■ 181.9230, 25.2620,
4.7340

■ 34.0900, 17.4220,
3.6460

■ 209.2220, 25.8580,
4.9460

■ 11.0410, 19.1180,
5.9500

■ 234.8190, 19.6230,
2.3030

■ 0.0000, 0.0000,
0.0000

■ 253.8600, 3.2100,
-3.1100

■ 103.5420, 21.9610,
3.9850

■ 103.5420, 21.9610,
3.9850

■ 96.1900, 28.8840,
5.1720

■ 110.8940, 15.0380,
2.7980

■ 88.9520, 35.4860,
6.6700

■ 118.1320, 8.4360,
1.3000

■ 81.6000, 42.4090,
7.8570

■ 125.4840, 1.5130,
0.1130

■ 74.2480, 49.3320,
9.0440

■ 132.8360, -5.4100,
-1.0740

■ 67.0100, 55.9340,
10.5420

■ 140.1880,
-12.3330, -2.2610

■ 59.6580, 62.8570,
11.7290

■ 147.4260,
-18.9350, -3.7590

■ 54.4090, 67.9920,
12.2800

■ 154.1910,
-25.5830, -4.4230

■ 161.5430,

-32.5060, -5.6100

■ 168.7810,
-39.1080, -7.1080

Harmonies

Analogous

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



104.3340, 19.8510, 9.1870



103.5420, 21.9610, 3.9850



102.5860, 18.6610, -2.2910

Triad

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



103.5420, 21.9610, 3.9850



98.0210, -13.6610, -11.2370



102.4580, -12.7930, 6.0790

Complementary

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



103.5420, 21.9610, 3.9850



109.4580, -21.9610, -3.9850

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.



99.6090, -23.7040, 0.0720



103.5420, 21.9610, 3.9850



97.1000, -24.0690, -9.8370

Square

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



103.5420, 21.9610, 3.9850



100.0780, -0.6400, -10.4320



97.5820, -28.2420, -5.7940



103.7370, -0.2770, 10.5310

Rectangle

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



103.5420, 21.9610, 3.9850



101.8410, 13.3890, -5.8670



97.5820, -28.2420, -5.7940



101.3650, -16.9650, 4.5950

Sweetspot

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



103.5420, 21.9610, 3.9850



156.4310, 9.0320, 1.5120



101.9070, 14.1640, 18.6440



78.1640, 5.4100, 1.0740



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



103.5420, 21.9610, 3.9850



128.6530, 34.8900, 6.4580



115.2820, 16.4610, -6.4750



60.2670, 3.6220, 0.4380



54.7080, 68.5880, 12.4920



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.4580, -21.9610, -3.9850



138.3470, -34.8900, -6.4580



97.7180, -16.4610, 6.4750



60.7330, -3.6220, -0.4380



73.2920, -68.5880, -12.4920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 103.5420, 21.9610, 3.9850 looks on a white background.

Color Contrast Check

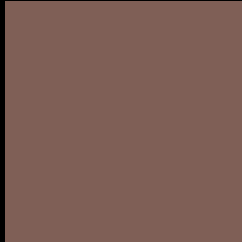
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 103.5420, 21.9610, 3.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

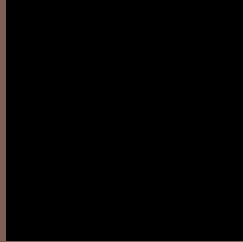
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.5420, 21.9610, 3.9850

Background



This preview shows how black text looks on a background with the YIQ color 103.5420, 21.9610, 3.9850.



This preview shows how white text looks on a background with the YIQ color 103.5420, 21.9610,

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

103.5420, 21.9610, 3.9850

Protanopia

102.1270, 6.8320, -2.6720

Deuteranopia

103.0850, 15.8180, -0.3260



Tritanopia

104.2630, 18.6130, 9.5970

Trichromacy



Original Color

103.5420, 21.9610, 3.9850

Protanomaly

102.3450, 12.1500, 0.0700

Deuteranomaly

103.3950, 17.8810, 0.8330

Tritanomaly

104.2800, 19.9430, 7.5190

Monochromacy



Original Color

103.5420, 21.9610, 3.9850

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5420, 21.9610, 3.9850 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(127, 95, 86)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 86)  
}
```

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(127, 95, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 86) }
```

Border

The CSS property to change the border of an element to YIQ 103.5420, 21.9610, 3.9850 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(127, 95, 86) }
```


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

```
.border{ border-color:rgb(127, 95, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 95, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 95, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 95, 86);  
box-shadow:4px 4px 4px 4px rgb(127, 95,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5420, 21.9610, 3.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 86) }
```

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

```
.background{ background-color: rgb(127, 95,  
86) }
```

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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