

Converting Colors

YIQ(103.0220, 12.1020, 11.9580)

Have a look what the booklet for
YIQ(103.0220, 12.1020, 11.9580)
contains.

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Color

**YIQ(103.0220, 12.1020,
11.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5C6E
RGB	122, 92, 110
RGB Percent	48%, 36%, 43%
CMY	0.5215, 0.6393, 0.5686
CMYK	0.00, 0.25, 0.10, 0.52
HSL	324°, 14%, 42%
HSV	324°, 25%, 48%
XYZ	14.6700, 12.9172, 16.4744
YIQ	103.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

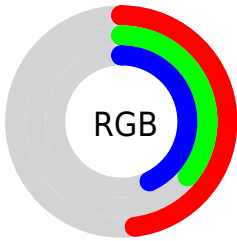
Format	Color
R_{YB}	122, 92, 110
Decimal	8019054
CIE Lab	42.64, 15.45, -5.47
CIE LCh	43, 16.395, 340.501
Yxy	12.9172, 0.3329, 0.2932
Android (android.graphics.Color)	4286209134 (0xFF7A5C6E)
YUV	103.0220, 3.4402, 16.6437
Hunter-Lab	35.9405, 9.9634, -2.0190

Details

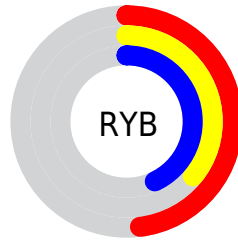
The YIQ color **103.0220, 12.1020, 11.9580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.9780, -12.1020, -11.9580**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1470, 13.2480, 13.2160**, and **55.8970, 10.9560, 10.7000** is the 20% darker color. If you saturate the color by 10%, you get **95.4080, 17.0070, 16.6790**, and if you desaturate by 10%, it is **110.6360, 7.1970, 7.2370**.

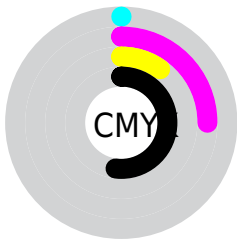
Distribution



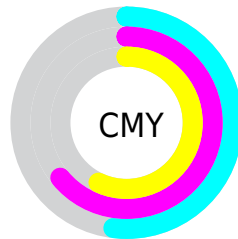
- Red (48%)
- Green (36%)
- Blue (43%)



- Red (48%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.0220, 12.1020, 11.9580 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 103.0220, 12.1020, 11.9580 by changing the saturation by 10% instead.

■ 103.0220, 12.1020,
11.9580

■ 103.0220, 12.1020,
11.9580

■ 255.0000, -0.0000,
-0.0000

■ 78.7230, 11.5060,
11.7460

■ 154.1470, 13.2480,
13.2160

■ 55.8970, 10.9560,
10.7000

■ 181.1470, 13.2480,
13.2160

■ 33.7120, 10.0390,
10.7990

■ 208.7450, 14.4400,
13.6400

■ 11.2500, 11.4600,
12.5800

■ 235.6630, 11.7350,
13.1030

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5500,
1.0460

■ 103.0220, 12.1020,
11.9580

■ 103.0220, 12.1020,
11.9580

■ 95.4080, 17.0070,
16.6790

■ 110.6360, 7.1970,
7.2370

■ 87.7940, 21.9120,
21.4000

■ 118.2500, 2.2920,
2.5160

■ 79.5930, 27.0920,
26.6440

■ 126.4510, -2.8880,
-2.7280

■ 71.9790, 31.9970,
31.3650

■ 134.0650, -7.7930,
-7.4490

■ 64.4790, 36.5810,
36.3970

■ 141.5650,
-12.3770, -12.4810

■ 56.8650, 41.4860,
41.1180

■ 149.1790,
-17.2820, -17.2020

■ 49.2510, 46.3910,
45.8390


■ 156.7930,
-22.1870, -21.9230

■ 44.8000, 49.2790,

■ 164.9940,

48.5670

-27.3670, -27.1670

 172.6080,
-32.2720, -31.8880

Harmonies

Analogous

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



102.7370, -0.2770, 10.5310



103.0220, 12.1020, 11.9580



102.6330, 20.4470, 9.3990

Triad

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



103.0220, 12.1020, 11.9580



99.4170, 11.6470, -7.3370



94.7990, -30.3510, -6.1190

Complementary

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



103.0220, 12.1020, 11.9580



110.9780, -12.1020, -11.9580

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.



94.5020, -25.2610, -10.2610



103.0220, 12.1020, 11.9580



97.9640, -0.3190, -10.7430

Square

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



103.0220, 12.1020, 11.9580



101.1840, 19.8530, -1.8670



96.4940, -13.6150, -12.0710



97.8260, -25.8130, -0.2530

Rectangle

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



103.0220, 12.1020, 11.9580



102.3080, 22.7400, 6.3880



96.4940, -13.6150, -12.0710



94.6310, -29.9380, -8.0980

Sweetspot

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



103.0220, 12.1020, 11.9580



151.0870, 4.3090, 4.5090



99.0080, -2.4780, 11.8740



75.2500, 2.2920, 2.5160



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



103.0220, 12.1020, 11.9580



128.2450, 19.0240, 18.6720



101.3120, 16.9170, 7.2930



57.2500, 2.2920, 2.5160



45.9250, 50.4250, 49.8250



92.5620, 101.7210, 100.3850

Inverse Universe

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



103.0220, 12.1020, 11.9580



128.2450, 19.0240, 18.6720



112.6880, -16.9170, -7.2930



57.2500, 2.2920, 2.5160



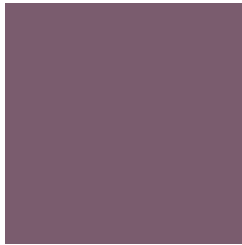
45.9250, 50.4250, 49.8250



92.5620, 101.7210, 100.3850

Previews

White Background



This preview shows how the YIQ color 103.0220, 12.1020, 11.9580 looks on a white background.

Color Contrast Check

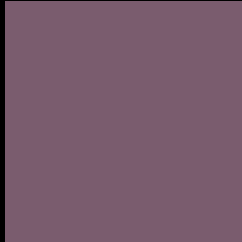
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0220, 12.1020, 11.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

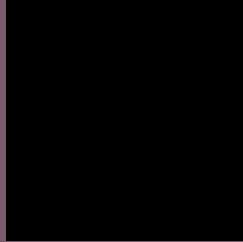
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.0220, 12.1020, 11.9580

Background



This preview shows how black text looks on a background with the YIQ color 103.0220, 12.1020, 11.9580.



This preview shows how white text looks on a background with the YIQ color 103.0220, 12.1020,

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

103.0220, 12.1020, 11.9580

Protanopia

101.1120, -6.0070, 4.2410

Deuteranopia

101.9450, 1.8330, 5.3290



Tritanopia

102.8710, 13.8450, 7.9010

Trichromacy



Original Color

103.0220, 12.1020, 11.9580

Protanomaly

101.8140, 0.8240, 7.0960

Deuteranomaly

102.2660, 5.3630, 7.4350

Tritanomaly

102.6260, 13.1570, 9.3570

Monochromacy



Original Color

103.0220, 12.1020, 11.9580

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.0220, 12.1020, 11.9580 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(122, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 92, 110)  
}
```

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(122, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 92, 110) }
```

Border

The CSS property to change the border of an element to YIQ 103.0220, 12.1020, 11.9580 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(122, 92, 110) }
```


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

```
.border{ border-color:rgb(122, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 92,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 103.0220, 12.1020, 11.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 92, 110) }
```

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

```
.background{ background-color: rgb(122, 92,  
110) }
```

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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