

Converting Colors

YIQ(103.9710, 33.3340, -9.4020)

Have a look what the booklet for
YIQ(103.9710, 33.3340, -9.4020)
contains.

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Color

**YIQ(103.9710, 33.3340,
-9.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	826533
RGB	130, 101, 51
RGB Percent	51%, 40%, 20%
CMY	0.4902, 0.6040, 0.7998
CMYK	0.00, 0.22, 0.61, 0.49
HSL	38°, 44%, 36%
HSV	38°, 61%, 51%
XYZ	14.4584, 14.2910, 5.1334
YIQ	103.9710, 33.3340, -9.4020

Conversions

Conversions Part 2

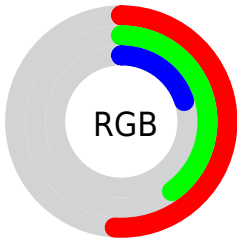
Format	Color
R_{YB}	97, 130, 51
Decimal	8545587
CIE Lab	44.65, 5.50, 32.31
CIE LCh	45, 32.778, 80.343
Yxy	14.2910, 0.4267, 0.4218
Android (android.graphics.Color)	4286735667 (0xFF826533)
YUV	103.9710, -26.1147, 22.8274
Hunter-Lab	37.8034, 2.1137, 18.4113

Details

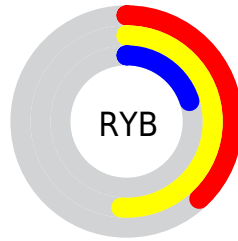
The YIQ color **103.9710, 33.3340, -9.4020** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **77.0290, -33.3340, 9.4020**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.8250, 36.6810, -9.4870**, and **56.0630, 30.0790, -10.9850** is the 20% darker color. If you saturate the color by 10%, you get **99.5540, 38.8820, -10.8300**, and if you desaturate by 10%, it is **108.3880, 27.7860, -7.9740**.

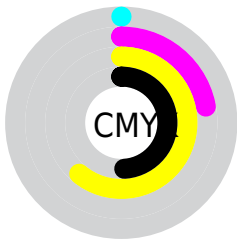
Distribution



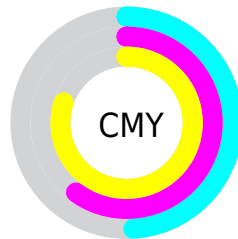
- Red (51%)
- Green (40%)
- Blue (20%)



- Red (38%)
- Yellow (51%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (61%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.9710, 33.3340, -9.4020 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 103.9710, 33.3340, -9.4020 by changing the saturation by 10% instead.

■ 103.9710, 33.3340,
-9.4020

■ 103.9710, 33.3340,
-9.4020

■ 255.0000, -0.0000,
-0.0000

■ 79.1880, 31.2250,
-9.7270

■ 155.8250, 36.6810,
-9.4870

■ 55.4760, 30.3540,
-10.4620

■ 182.6080, 38.7900,
-9.1620

■ 35.2180, 22.5130,
-6.0230

■ 210.7930, 39.7070,
-9.2610

■ 15.7150, 13.9840,
-0.1280

■ 233.8950, 30.4920,
-12.9640

■ 0.0000, 0.0000,
0.0000

■ 249.3000, 16.0500,
-15.5500

■ 252.6060, 6.7410,

-6.5310

■ 103.9710, 33.3340,
-9.4020

■ 103.9710, 33.3340,
-9.4020

■ 99.5540, 38.8820,
-10.8300

■ 108.3880, 27.7860,
-7.9740

■ 95.1370, 44.4300,
-12.2580

■ 112.8050, 22.2380,
-6.5460

■ 91.3070, 49.7030,
-14.2090

■ 116.6350, 16.9650,
-4.5950

■ 87.0040, 54.9300,
-15.3260

■ 121.0520, 11.4170,
-3.1670

■ 125.4690, 5.8690,
-1.7390

■ 129.8860, 0.3210,
-0.3110

■ 133.7160, -4.9520,
1.6400

■ 138.1330,
-10.5000, 3.0680

■ 142.5500,
-16.0480, 4.4960

Harmonies

Analogous

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



105.3780, 42.9140, 4.2100



103.9710, 33.3340, -9.4020



101.7080, 14.7210, -18.9990

Triad

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



103.9710, 33.3340, -9.4020



84.5760, -72.8040, -24.1960



108.6600, 7.7900, 24.0300

Complementary

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



103.9710, 33.3340, -9.4020



77.0290, -33.3340, 9.4020

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.



105.8780, -22.4230, 15.4090



103.9710, 33.3340, -9.4020



85.4370, -79.3620, -15.4740

Square

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



103.9710, 33.3340, -9.4020



88.5710, -48.0450, -26.8690



94.6450, -58.9160, -0.5480



107.9800, 30.2560, 24.3680

Rectangle

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



103.9710, 33.3340, -9.4020



98.9170, -2.1050, -22.4330



94.6450, -58.9160, -0.5480



108.4030, -1.7920, 21.4720

Sweetspot

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



103.9710, 33.3340, -9.4020



158.1230, 12.6550, -3.5770



78.0410, 37.4540, 26.0780



77.8390, 7.7030, -1.9370



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.



103.9710, 33.3340, -9.4020



127.5630, 51.8580, -14.7180



118.3030, 19.9950, -26.4770



61.4410, 3.0720, -0.6080



85.8190, 54.0130, -15.2270



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.0290, -33.3340, 9.4020



86.0240, -52.1330, 14.1950



62.6970, -19.9950, 26.4770



59.5590, -3.0720, 0.6080



42.1810, -54.0130, 15.2270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 103.9710, 33.3340, -9.4020 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 103.9710, 33.3340, -9.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

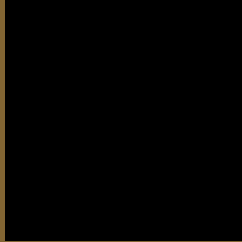
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.9710, 33.3340, -9.4020

Background



This preview shows how black text looks on a background with the YIQ color 103.9710, 33.3340, -9.4020.



This preview shows how white text looks on a background with the YIQ color 103.9710, 33.3340,

-9.4020.

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

103.9710, 33.3340, -9.4020

Protanopia

103.2470, 23.5690, -14.1510

Deuteranopia

104.2700, 33.9300, -9.1900



Tritanopia

107.5730, 20.6760, 10.7560

Trichromacy



Original Color

103.9710, 33.3340, -9.4020

Protanomaly

103.4540, 27.4200, -12.3560

Deuteranomaly

104.2700, 33.9300, -9.1900

Tritanomaly

106.2820, 25.6290, 3.5890

Monochromacy



Original Color

103.9710, 33.3340, -9.4020

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.9380, 11.7380, -3.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9710, 33.3340, -9.4020 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(130, 101, 51)` looks like.

```
.text, #text, p{  
    color:rgb(130, 101, 51)  
}
```

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(130, 101, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 101, 51) }
```

Border

The CSS property to change the border of an element to YIQ 103.9710, 33.3340, -9.4020 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(130, 101, 51) }
```


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

```
.border{ border-color:rgb(130, 101, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 101, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 101, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 101, 51);  
box-shadow:4px 4px 4px 4px rgb(130, 101,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9710, 33.3340, -9.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 101, 51) }
```

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

```
.background{ background-color: rgb(130,  
101, 51) }
```

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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