

Converting Colors

YIQ(97.3420, 34.5680, 12.2960)

Have a look what the booklet for
YIQ(97.3420, 34.5680, 12.2960)
contains.

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Color

**YIQ(97.3420, 34.5680,
12.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5050
RGB	138, 80, 80
RGB Percent	54%, 31%, 31%
CMY	0.4587, 0.6864, 0.6861
CMYK	0.00, 0.42, 0.42, 0.46
HSL	360°, 27%, 43%
HSV	360°, 42%, 54%
XYZ	14.8032, 11.7197, 9.0781
YIQ	97.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

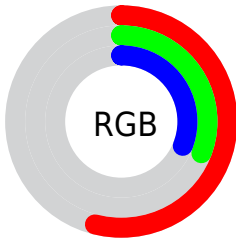
Format	Color
R_{YB}	138, 80, 80
Decimal	9064528
CIE Lab	40.77, 24.33, 10.50
CIE LCh	41, 26.498, 23.348
Yxy	11.7197, 0.4158, 0.3292
Android (android.graphics.Color)	4287254608 (0xFF8A5050)
YUV	97.3420, -8.5496, 35.6571
Hunter-Lab	34.2341, 17.2757, 8.2415

Details

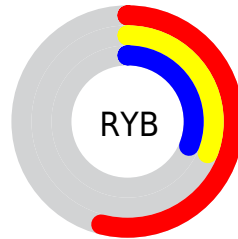
The YIQ color **97.3420, 34.5680, 12.2960** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.6580, -34.5680, -12.2960**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7230, 37.8690, 13.0450**, and **48.8900, 30.0290, 11.9570** is the 20% darker color. If you saturate the color by 10%, you get **87.5280, 42.9120, 15.2640**, and if you desaturate by 10%, it is **107.1560, 26.2240, 9.3280**.

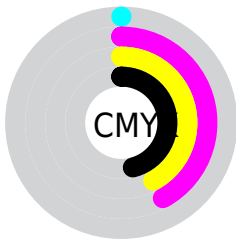
Distribution



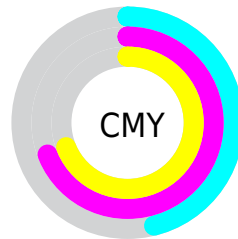
- Red (54%)
- Green (31%)
- Blue (31%)



- Red (54%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.3420, 34.5680, 12.2960 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 97.3420, 34.5680, 12.2960 by changing the saturation by 10% instead.

■ 97.3420, 34.5680,
12.2960

■ 97.3420, 34.5680,
12.2960

■ 255.0000, -0.0000,
-0.0000

■ 72.5590, 32.4590,
11.9710

■ 148.7230, 37.8690,
13.0450

■ 48.8900, 30.0290,
11.9570

■ 175.6200, 39.6570,
13.6810

■ 26.1070, 27.9200,
11.6320

■ 203.8050, 40.5740,
13.5820

■ 11.7750, 22.9230,
8.5790

■ 224.0420, 26.5450,
9.0170

■ 0.0000, 0.0000,
0.0000

■ 244.2570, 9.5820,
2.5580

■ 97.3420, 34.5680,
12.2960

■ 97.3420, 34.5680,
12.2960

■ 87.5280, 42.9120,
15.2640

■ 107.1560, 26.2240,
9.3280

■ 77.7140, 51.2560,
18.2320

■ 116.9700, 17.8800,
6.3600

■ 68.6010, 59.0040,
20.9880

■ 126.0830, 10.1320,
3.6040

■ 58.7870, 67.3480,
23.9560

■ 135.8970, 1.7880,
0.6360

■ 48.9730, 75.6920,
26.9240

■ 145.7110, -6.5560,
-2.3320


■ 41.2620, 82.2480,
29.2560

■ 155.5250,
-14.9000, -5.3000

■ 165.3390,
-23.2440, -8.2680

■ 174.4520,

-30.9920, -11.0240

 184.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



98.3660, 25.9930, 19.0250



97.3420, 34.5680, 12.2960



96.4200, 33.9280, 1.8640

Triad

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



97.3420, 34.5680, 12.2960



89.8330, -10.4960, -19.0400



90.6920, -39.9350, 2.3770

Complementary

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



97.3420, 34.5680, 12.2960



120.6580, -34.5680, -12.2960

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.



77.0530, -69.4130, -14.0610



97.3420, 34.5680, 12.2960



84.1320, -36.2630, -20.1270

Square

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



97.3420, 34.5680, 12.2960



92.7770, 10.2730, -15.4790



75.6910, -65.6980, -20.8180



96.7170, -14.7200, 13.4720

Rectangle

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



97.3420, 34.5680, 12.2960



95.8660, 29.4360, -4.8360



75.6910, -65.6980, -20.8180



87.4520, -48.1870, -2.2590

Sweetspot

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



97.3420, 34.5680, 12.2960



162.1760, 14.3040, 5.0880



103.6550, 15.3540, 30.1220



79.1860, 8.3440, 2.9680



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.



97.3420, 34.5680, 12.2960



115.9100, 53.6400, 19.0800



113.7780, 26.8680, -2.3480



64.0930, 4.1720, 1.4840



39.7670, 79.2680, 28.1960



1.4950, 2.9800, 1.0600

Inverse Universe

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



97.3420, 34.5680, 12.2960



115.9100, 53.6400, 19.0800



104.2220, -26.8680, 2.3480



64.0930, 4.1720, 1.4840



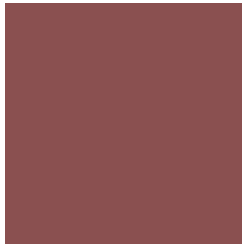
39.7670, 79.2680, 28.1960



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 97.3420, 34.5680, 12.2960 looks on a white background.

Color Contrast Check

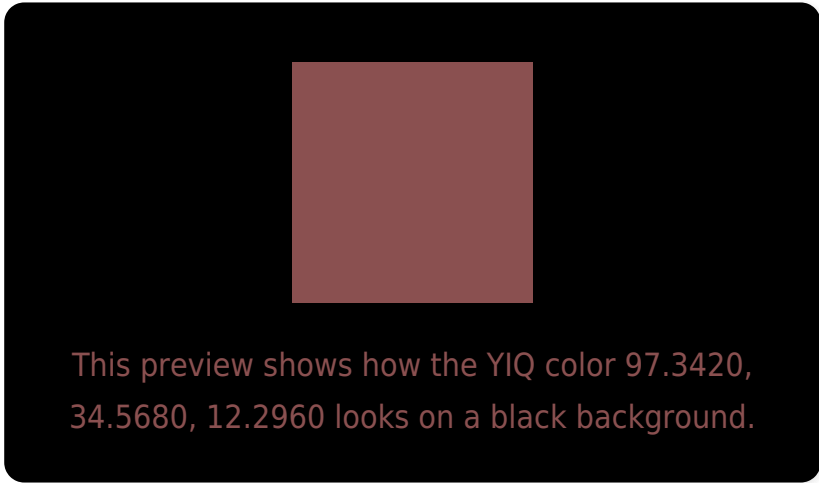
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

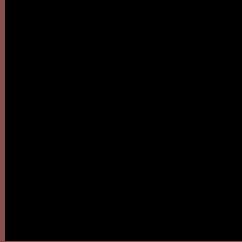
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.3420, 34.5680, 12.2960

Background



This preview shows how black text looks on a background with the YIQ color 97.3420, 34.5680, 12.2960.



This preview shows how white text looks on a background with the YIQ color 97.3420, 34.5680,

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

97.3420, 34.5680, 12.2960

Protanopia

96.2840, 4.9520, -1.6400

Deuteranopia

96.9710, 16.1390, -0.6370



Tritanopia

97.3250, 33.2380, 14.3740

Trichromacy



Original Color

97.3420, 34.5680, 12.2960

Protanomaly

96.6060, 15.9090, 3.5330

Deuteranomaly

96.8410, 22.5570, 4.1970

Tritanomaly

97.0970, 33.8800, 13.7520

Monochromacy



Original Color

97.3420, 34.5680, 12.2960

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.2790, 12.5160, 4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3420, 34.5680, 12.2960 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, 80, 80)` looks like.

```
.text, #text, p{  
    color:rgb(138, 80, 80)  
}
```

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, 80, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 80, 80) }
```

Border

The CSS property to change the border of an element to YIQ 97.3420, 34.5680, 12.2960 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, 80, 80) }
```


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

```
.border{ border-color:rgb(138, 80, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 80, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 80, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 80, 80);  
box-shadow:4px 4px 4px 4px rgb(138, 80,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3420, 34.5680, 12.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 80, 80) }
```

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

```
.background{ background-color: rgb(138, 80,  
80) }
```

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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