

Converting Colors

YIQ(117.9290, 34.2930, 11.7730)

Have a look what the booklet for
YIQ(117.9290, 34.2930, 11.7730)
contains.

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Color

**YIQ(117.9290, 34.2930,
11.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6564
RGB	158, 101, 100
RGB Percent	62%, 40%, 39%
CMY	0.3803, 0.6040, 0.6077
CMYK	0.00, 0.36, 0.37, 0.38
HSL	1°, 23%, 51%
HSV	1°, 37%, 62%
XYZ	21.0606, 17.4961, 14.3325
YIQ	117.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

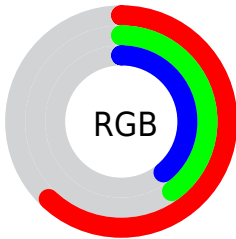
Format	Color
R _Y B	158, 101, 100
Decimal	10380644
CIE Lab	48.88, 22.91, 10.12
CIE LCh	49, 25.047, 23.837
Yxy	17.4961, 0.3982, 0.3308
Android (android.graphics.Color)	4288570724 (0xFF9E6564)
YUV	117.9290, -8.8390, 35.1423
Hunter-Lab	41.8283, 16.6755, 8.9640

Details

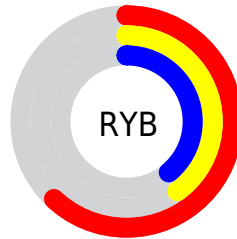
The YIQ color **117.9290, 34.2930, 11.7730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.0710, -34.2930, -11.7730**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0110, 36.9980, 12.3100**, and **68.2490, 30.3960, 10.8120** is the 20% darker color. If you saturate the color by 10%, you get **106.7130, 43.8290, 15.1650**, and if you desaturate by 10%, it is **129.1450, 24.7570, 8.3810**.

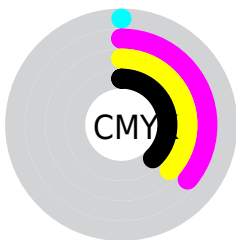
Distribution



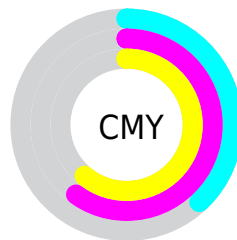
- Red (62%)
- Green (40%)
- Blue (39%)



- Red (62%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.9290, 34.2930, 11.7730 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 117.9290, 34.2930, 11.7730 by changing the saturation by 10% instead.

■ 117.9290, 34.2930,
11.7730

■ 117.9290, 34.2930,
11.7730

■ 255.0000, -0.0000,
-0.0000

■ 93.0320, 32.5050,
11.1370

■ 170.4240, 37.2730,
12.8330

■ 68.5480, 30.9920,
11.0240

■ 198.0220, 38.4650,
13.2570

■ 45.4660, 28.2870,
10.4870

■ 221.1240, 29.2500,
9.5540

■ 21.8680, 27.0950,
10.0630

■ 241.3390, 12.2870,
3.0950

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 117.9290, 34.2930,
11.7730

■ 117.9290, 34.2930,
11.7730

■ 106.7130, 43.8290,
15.1650

■ 129.1450, 24.7570,
8.3810

■ 96.0840, 53.0900,
18.0340

■ 139.7740, 15.4960,
5.5120

■ 84.9820, 62.3050,
21.7370

■ 150.8760, 6.2810,
1.8090

■ 74.3530, 71.5660,
24.6060

■ 161.5050, -2.9800,
-1.0600

■ 63.1370, 81.1020,
27.9980

■ 172.7210,
-12.5160, -4.4520

■ 52.5080, 90.3630,
30.8670


■ 183.3500,
-21.7770, -7.3210

■ 49.0030, 93.3430,
31.9270

■ 194.5660,
-31.3130, -10.7130

■ 205.0810,

-40.2530, -13.8930

 216.2970,
-49.7890, -17.2850

Harmonies

Analogous

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



118.5400, 25.4430, 17.9790



117.9290, 34.2930, 11.7730



116.8330, 34.2030, 2.3870

Triad

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



117.9290, 34.2930, 11.7730



110.2460, -10.2210, -18.5170



111.7850, -35.7630, 3.8610

Complementary

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



117.9290, 34.2930, 11.7730



140.0710, -34.2930, -11.7730

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.



105.7240, -52.1290, -7.9130



117.9290, 34.2930, 11.7730



106.0400, -33.0080, -18.5440

Square

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



117.9290, 34.2930, 11.7730



113.0050, 9.6310, -14.8570



102.7530, -51.0730, -16.0410



117.2010, -13.2070, 13.5850

Rectangle

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



117.9290, 34.2930, 11.7730



115.9800, 29.1150, -4.5250



102.7530, -51.0730, -16.0410



110.0290, -42.5020, -0.6620

Sweetspot

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



117.9290, 34.2930, 11.7730



190.8770, 13.7080, 4.8760



123.9540, 15.9500, 30.3340



95.1860, 8.3440, 2.9680



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



117.9290, 34.2930, 11.7730



143.7960, 53.9610, 18.7690



134.3650, 26.5930, -2.8710



73.3920, 4.7680, 1.6960



43.9310, 84.6780, 29.2700



4.4850, 8.9400, 3.1800

Inverse Universe

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



140.0710, -34.2930, -11.7730



178.6170, -53.6860, -18.2460



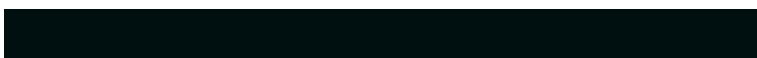
123.6350, -26.5930, 2.8710



76.6080, -4.7680, -1.6960



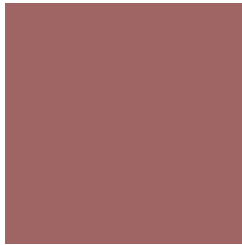
98.4820, -84.4030, -28.7470



10.5150, -8.9400, -3.1800

Previews

White Background



This preview shows how the YIQ color 117.9290, 34.2930, 11.7730 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 117.9290, 34.2930, 11.7730 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 117.9290, 34.2930, 11.7730

Background



This preview shows how black text looks on a background with the YIQ color 117.9290, 34.2930, 11.7730.



This preview shows how white text looks on a background with the YIQ color 117.9290, 34.2930,

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

117.9290, 34.2930, 11.7730

Protanopia

116.5830, 5.5480, -1.4280

Deuteranopia

116.9820, 17.6060, 0.3100



Tritanopia

118.4390, 32.9170, 14.6850

Trichromacy



Original Color

117.9290, 34.2930, 11.7730

Protanomaly

117.1930, 15.6340, 3.0100

Deuteranomaly

117.4390, 23.7490, 4.6210

Tritanomaly

118.0970, 33.8800, 13.7520

Monochromacy



Original Color

117.9290, 34.2930, 11.7730

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1650, 12.8370, 4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.9290, 34.2930, 11.7730 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(158, 101, 100)` looks like.

```
.text, #text, p{  
    color:rgb(158, 101, 100)  
}
```

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(158, 101, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 101, 100) }
```

Border

The CSS property to change the border of an element to YIQ 117.9290, 34.2930, 11.7730 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(158, 101, 100) }
```


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

```
.border{ border-color:rgb(158, 101, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 101, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 101, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 101, 100);  
box-shadow:4px 4px 4px 4px rgb(158, 101,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 117.9290, 34.2930, 11.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 101, 100) }
```

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

```
.background{ background-color: rgb(158,  
101, 100) }
```

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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