

Converting Colors

YIQ(111.7420, 27.6900, 15.8020)

Have a look what the booklet for
YIQ(111.7420, 27.6900, 15.8020)
contains.

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Color

**YIQ(111.7420, 27.6900,
15.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	945E6C
RGB	148, 94, 108
RGB Percent	58%, 37%, 42%
CMY	0.4195, 0.6314, 0.5764
CMYK	0.00, 0.37, 0.27, 0.42
HSL	344°, 22%, 47%
HSV	344°, 37%, 58%
XYZ	18.9279, 15.3838, 16.1662
YIQ	111.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

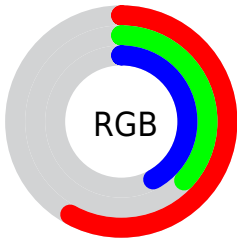
Format	Color
R_{YB}	148, 94, 108
Decimal	9723500
CIE Lab	46.16, 24.07, 1.26
CIE LCh	46, 24.105, 2.998
Yxy	15.3838, 0.3750, 0.3048
Android (android.graphics.Color)	4287913580 (0xFF945E6C)
YUV	111.7420, -1.8448, 31.7983
Hunter-Lab	39.2222, 17.5019, 3.0180

Details

The YIQ color **111.7420, 27.6900, 15.8020** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.2580, -27.6900, -15.8020**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9380, 30.0740, 16.6500**, and **63.2470, 24.7100, 14.7420** is the 20% darker color. If you saturate the color by 10%, you get **101.6830, 35.3460, 20.2260**, and if you desaturate by 10%, it is **121.8010, 20.0340, 11.3780**.

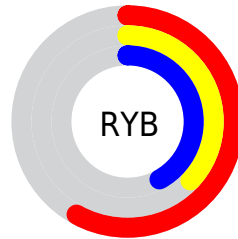
Distribution



Red (58%)

Green (37%)

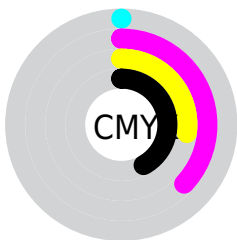
Blue (42%)



Red (58%)

Yellow (37%)

Blue (42%)

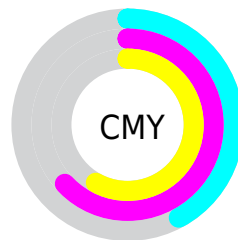


Cyan (0%)

Magenta (37%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7420, 27.6900, 15.8020 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 111.7420, 27.6900, 15.8020 by changing the saturation by 10% instead.

■ 111.7420, 27.6900,
15.8020

■ 111.7420, 27.6900,
15.8020

■ 255.0000, -0.0000,
-0.0000

■ 86.8450, 25.9020,
15.1660

■ 163.9380, 30.0740,
16.6500

■ 63.2470, 24.7100,
14.7420

■ 191.5360, 31.2660,
17.0740

■ 39.7630, 23.1970,
14.6290

■ 217.4540, 28.5610,
16.5370

■ 17.2790, 21.6840,
14.5160

■ 237.6690, 11.5980,
10.0780

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 111.7420, 27.6900,
15.8020

■ 111.7420, 27.6900,
15.8020

■ 101.6830, 35.3460,
20.2260

■ 121.8010, 20.0340,
11.3780

■ 91.6240, 43.0020,
24.6500

■ 131.8600, 12.3780,
6.9540

■ 82.1520, 50.3830,
28.5510

■ 141.3320, 4.9970,
3.0530

■ 72.0930, 58.0390,
32.9750

■ 151.3910, -2.6590,
-1.3710

■ 62.0340, 65.6950,
37.3990

■ 161.4500,
-10.3150, -5.7950

■ 51.9750, 73.3510,
41.8230


■ 171.5090,
-17.9710, -10.2190

■ 48.5840, 76.0100,
43.1940

■ 181.5680,
-25.6270, -14.6430

■ 191.0400,

-33.0080, -18.5440

 201.0990,
-40.6640, -22.9680

Harmonies

Analogous

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



112.4940, 13.8890, 18.1210



111.7420, 27.6900, 15.8020



110.6360, 33.5600, 8.5360

Triad

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



111.7420, 27.6900, 15.8020



105.9550, 3.9000, -15.6200



100.7680, -46.2610, -4.1250

Complementary

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



111.7420, 27.6900, 15.8020



130.2580, -27.6900, -15.8020

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.



97.0350, -51.8070, -13.7510



111.7420, 27.6900, 15.8020



102.8370, -16.3190, -18.1350

Square

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



111.7420, 27.6900, 15.8020



108.0280, 19.9920, -9.8960



98.6420, -37.6390, -17.2150



107.5580, -27.6940, 6.3060

Rectangle

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



111.7420, 27.6900, 15.8020



110.0500, 32.0940, 2.0620



98.6420, -37.6390, -17.2150



99.0940, -50.2950, -8.1110

Sweetspot

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



111.7420, 27.6900, 15.8020



176.9630, 10.5900, 6.3180



112.1160, 6.5060, 25.2740



88.3430, 6.4640, 4.0000



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



111.7420, 27.6900, 15.8020



134.6240, 43.0020, 24.6500



117.7770, 28.6090, 4.6490



69.2070, 3.8510, 1.7950



45.3660, 70.6920, 40.4520



3.3320, 4.9970, 3.0530

Inverse Universe

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



111.7420, 27.6900, 15.8020



134.6240, 43.0020, 24.6500



124.2230, -28.6090, -4.6490



69.2070, 3.8510, 1.7950



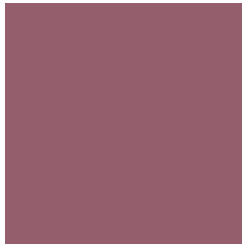
45.3660, 70.6920, 40.4520



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 111.7420, 27.6900, 15.8020 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 111.7420, 27.6900, 15.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

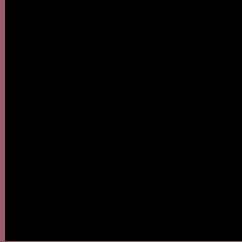
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7420, 27.6900, 15.8020

Background



This preview shows how black text looks on a background with the YIQ color 111.7420, 27.6900, 15.8020.



This preview shows how white text looks on a background with the YIQ color 111.7420, 27.6900,

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

111.7420, 27.6900, 15.8020

Protanopia

110.2110, -1.9720, 2.7000

Deuteranopia

110.7840, 9.5360, 3.3920



Tritanopia

111.3460, 28.7450, 13.2010

Trichromacy



Original Color

111.7420, 27.6900, 15.8020

Protanomaly

111.1200, 8.7100, 7.3500

Deuteranomaly

111.2410, 15.6790, 7.7030

Tritanomaly

111.5740, 28.1030, 13.8230

Monochromacy



Original Color

111.7420, 27.6900, 15.8020

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7420, 27.6900, 15.8020 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(148, 94, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 94, 108)  
}
```

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(148, 94, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 94, 108) }
```

Border

The CSS property to change the border of an element to YIQ 111.7420, 27.6900, 15.8020 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(148, 94, 108) }
```


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

```
.border{ border-color:rgb(148, 94, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 94, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 94, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 94, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 94,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7420, 27.6900, 15.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 94, 108) }
```

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

```
.background{ background-color: rgb(148, 94,  
108) }
```

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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