

Converting Colors

YIQ(115.5630, 9.4410, 21.6410)

Have a look what the booklet for
YIQ(115.5630, 9.4410, 21.6410)
contains.

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Color

**YIQ(115.5630, 9.4410,
21.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	8A638E
RGB	138, 99, 142
RGB Percent	54%, 39%, 56%
CMY	0.4587, 0.6118, 0.4431
CMYK	0.03, 0.30, 0.00, 0.44
HSL	294°, 18%, 47%
HSV	294°, 30%, 56%
XYZ	19.8291, 16.2795, 27.6888
YIQ	115.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

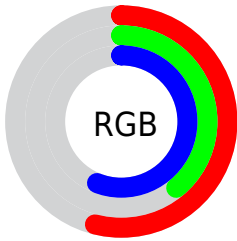
Format	Color
R_{YB}	138, 99, 142
Decimal	9069454
CIE _{Lab}	47.34, 23.53, -17.50
CIE _{LCh}	47, 29.329, 323.356
Yxy	16.2795, 0.3108, 0.2552
Android (android.graphics.Color)	4287259534 (0xFF8A638E)
YUV	115.5630, 13.0334, 19.6772
Hunter-Lab	40.3479, 17.1159, -12.4443

Details

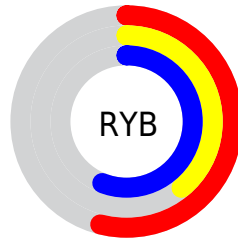
The YIQ color **115.5630, 9.4410, 21.6410** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.4370, -9.4410, -21.6410**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8020, 10.2660, 23.2100**, and **66.4380, 8.2950, 20.3830** is the 20% darker color. If you saturate the color by 10%, you get **107.0460, 12.6950, 28.7510**, and if you desaturate by 10%, it is **124.0800, 6.1870, 14.5310**.

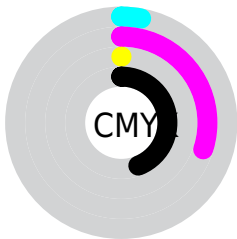
Distribution



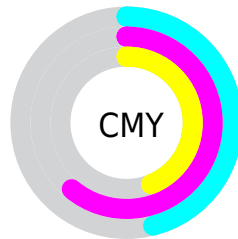
- Red (54%)
- Green (39%)
- Blue (56%)



- Red (54%)
- Yellow (39%)
- Blue (56%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5630, 9.4410, 21.6410 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 115.5630, 9.4410, 21.6410 by changing the saturation by 10% instead.

■ 115.5630, 9.4410,
21.6410

■ 115.5630, 9.4410,
21.6410

■ 255.0000, -0.0000,
-0.0000

■ 90.7370, 8.8910,
20.5950

■ 167.8020, 10.2660,
23.2100

■ 66.4380, 8.2950,
20.3830

■ 195.2150, 10.5410,
23.7330

■ 43.6120, 7.7450,
19.3370

■ 223.5140, 11.1370,
23.9450

■ 21.3130, 7.1490,
19.1250

■ 242.0860, 6.0500,
11.5060

■ 7.6340, 1.5110,
11.1670

■ 0.0000, 0.0000,
0.0000

■ 115.5630, 9.4410,
21.6410

■ 115.5630, 9.4410,
21.6410

■ 107.0460, 12.6950,
28.7510

■ 124.0800, 6.1870,
14.5310

■ 98.2300, 15.3530,
35.6490

■ 132.8960, 3.5290,
7.6330

■ 89.1260, 18.8820,
43.2820

■ 142.0000, -0.0000,
-0.0000

■ 80.6090, 22.1360,
50.3920

■ 150.5170, -3.2540,
-7.1100

■ 71.7930, 24.7940,
57.2900

■ 159.3330, -5.9120,
-14.0080

■ 63.2760, 28.0480,
64.4000


■ 167.8500, -9.1660,
-21.1180

■ 54.7590, 31.3020,
71.5100

■ 176.3670,
-12.4200, -28.2280

■ 185.7700,

-15.3530, -35.6490

 194.2870,
-18.6070, -42.7590

Harmonies

Analogous

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



113.2870, -16.3250, 15.0270



115.5630, 9.4410, 21.6410



114.8010, 29.2020, 21.4420

Triad

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



115.5630, 9.4410, 21.6410



110.9320, 29.0700, -9.2180



88.3090, -76.4260, -24.6340

Complementary

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



115.5630, 9.4410, 21.6410



125.4370, -9.4410, -21.6410

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.



99.2130, -40.9850, -22.6570



115.5630, 9.4410, 21.6410



108.7940, 11.6030, -17.5570

Square

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



115.5630, 9.4410, 21.6410



112.2850, 38.7420, 2.7260



104.8820, -12.1920, -21.3440



90.9210, -77.8490, -15.3610

Rectangle

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



115.5630, 9.4410, 21.6410



114.0590, 37.0430, 17.0030



104.8820, -12.1920, -21.3440



91.2840, -66.1100, -24.3660

Sweetspot

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



115.5630, 9.4410, 21.6410



173.4230, 3.4830, 8.4670



106.2500, -14.9030, 11.2810



85.8310, 2.1540, 5.0180



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



115.5630, 9.4410, 21.6410



143.1650, 13.9780, 33.0340



114.8210, 17.2820, 17.2020



66.8910, 1.9250, 3.6610



52.1670, 29.9730, 68.0610



3.0050, 1.6040, 3.9720

Inverse Universe

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



112.3130, 24.3440, 10.3600



138.4180, 37.4100, 15.8580



126.1790, -17.2820, -17.2020



66.2070, 3.8510, 1.7950



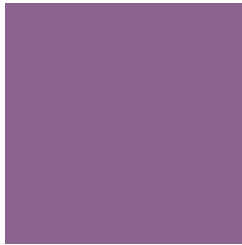
41.7330, 76.6080, 32.3520



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 115.5630, 9.4410, 21.6410 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 115.5630, 9.4410, 21.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

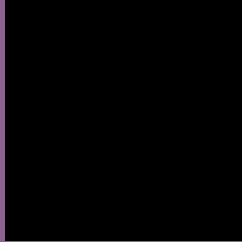
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.5630, 9.4410, 21.6410

Background



This preview shows how black text looks on a background with the YIQ color 115.5630, 9.4410, 21.6410.



This preview shows how white text looks on a background with the YIQ color 115.5630, 9.4410,

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

115.5630, 9.4410, 21.6410

Protanopia

112.5700, -18.8000, 10.3200

Deuteranopia

113.4200, -9.6300, 9.3300



Tritanopia

114.5830, 14.7160, 8.6360

Trichromacy



Original Color

115.5630, 9.4410, 21.6410

Protanomaly

113.7670, -8.9890, 14.2350

Deuteranomaly

114.1760, -2.8910, 13.8530

Tritanomaly

114.9620, 12.3310, 13.3150

Monochromacy



Original Color

115.5630, 9.4410, 21.6410

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5630, 9.4410, 21.6410 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, 99, 142)` looks like.

```
.text, #text, p{  
    color:rgb(138, 99, 142)  
}
```

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, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 99, 142) }
```

Border

The CSS property to change the border of an element to YIQ 115.5630, 9.4410, 21.6410 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, 99, 142) }
```


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

```
.border{ border-color:rgb(138, 99, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 99, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(138, 99,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5630, 9.4410, 21.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 99, 142) }
```

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

```
.background{ background-color: rgb(138, 99,  
142) }
```

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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