

Converting Colors

YIQ(115.2120, 23.7910, 25.8950)

Have a look what the booklet for
YIQ(115.2120, 23.7910, 25.8950)
contains.

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Color

**YIQ(115.2120, 23.7910,
25.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5C85
RGB	154, 92, 133
RGB Percent	60%, 36%, 52%
CMY	0.3959, 0.6393, 0.4784
CMYK	0.00, 0.40, 0.14, 0.40
HSL	320°, 25%, 48%
HSV	320°, 40%, 60%
XYZ	21.3945, 16.2180, 24.1989
YIQ	115.2120, 23.7910, 25.8950

Conversions

Conversions Part 2

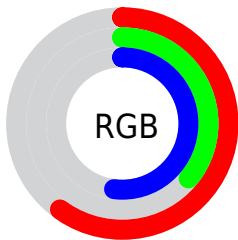
Format	Color
R_{YB}	154, 92, 133
Decimal	10116229
CIE _{Lab}	47.26, 31.48, -12.08
CIE _{LCh}	47, 33.720, 339.011
Yxy	16.2180, 0.3461, 0.2624
Android (android.graphics.Color)	4288306309 (0xFF9A5C85)
YUV	115.2120, 8.7695, 34.0171
Hunter-Lab	40.2716, 24.3535, -7.4367

Details

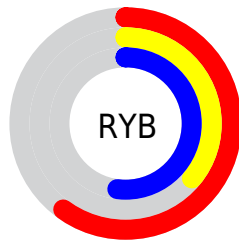
The YIQ color **115.2120, 23.7910, 25.8950** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.7880, -23.7910, -25.8950**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9350, 26.1290, 27.5770**, and **65.4890, 21.4530, 24.2130** is the 20% darker color. If you saturate the color by 10%, you get **105.8370, 29.5210, 32.1850**, and if you desaturate by 10%, it is **124.5870, 18.0610, 19.6050**.

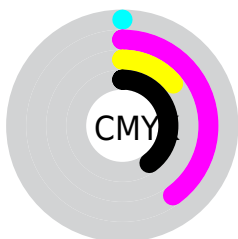
Distribution



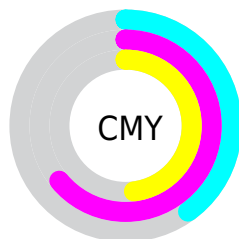
- Red (60%)
- Green (36%)
- Blue (52%)



- Red (60%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2120, 23.7910, 25.8950 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 115.2120, 23.7910, 25.8950 by changing the saturation by 10% instead.

■ 115.2120, 23.7910,
25.8950

■ 115.2120, 23.7910,
25.8950

■ 255.0000, -0.0000,
-0.0000

■ 89.6140, 22.5990,
25.4710

■ 167.9350, 26.1290,
27.5770

■ 65.4890, 21.4530,
24.2130

■ 195.3480, 26.4040,
28.1000

■ 40.7170, 20.8110,
24.8350

■ 220.0590, 19.8480,
25.7680

■ 19.8800, 18.7940,
22.8420

■ 237.9770, 7.9750,
15.1670

■ 10.9080, 12.4230,
11.6470

■ 0.0000, 0.0000,
0.0000

■ 115.2120, 23.7910,
25.8950

■ 115.2120, 23.7910,
25.8950

■ 105.8370, 29.5210,
32.1850

■ 124.5870, 18.0610,
19.6050

■ 95.8750, 35.5260,
38.9980

■ 134.5490, 12.0560,
12.7920

■ 86.3860, 41.5770,
44.9770

■ 144.0380, 6.0050,
6.8130

■ 76.4240, 47.5820,
51.7900

■ 154.0000, -0.0000,
-0.0000

■ 67.0490, 53.3120,
58.0800

■ 163.3750, -5.7300,
-6.2900


■ 57.6740, 59.0420,
64.3700

■ 172.7500,
-11.4600, -12.5800

■ 182.8260,
-17.7860, -19.0820

■ 192.2010,

-23.5160, -25.3720

 202.1630,
-29.5210, -32.1850

Harmonies

Analogous

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



114.7450, -2.7550, 22.4050



115.2120, 23.7910, 25.8950



113.8470, 40.7560, 21.3000

Triad

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



115.2120, 23.7910, 25.8950



108.7800, 23.3860, -16.3420



90.1330, -81.5620, -19.6580

Complementary

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



115.2120, 23.7910, 25.8950



130.7880, -23.7910, -25.8950

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.



88.2290, -73.4450, -29.1010



115.2120, 23.7910, 25.8950



105.8740, -0.5460, -23.1540

Square

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



115.2120, 23.7910, 25.8950



110.8410, 39.7520, -4.5680



99.2970, -32.5940, -26.0500



89.8370, -86.2400, -11.9680

Rectangle

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



115.2120, 23.7910, 25.8950



112.5560, 45.7090, 14.1330



99.2970, -32.5940, -26.0500



89.8080, -79.2690, -22.6690

Sweetspot

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



115.2120, 23.7910, 25.8950



186.0000, 9.1680, 10.0640



105.3470, -7.3860, 23.7340



93.2120, 5.4550, 5.7670



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



115.2120, 23.7910, 25.8950



141.0000, 36.6720, 40.2560



111.6780, 33.7420, 16.2540



71.9620, 3.1630, 3.2510



52.4620, 53.5870, 58.6030



4.7990, 5.1800, 5.2440

Inverse Universe

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



115.2120, 23.7910, 25.8950



141.0000, 36.6720, 40.2560



134.3220, -33.7420, -16.2540



71.9620, 3.1630, 3.2510



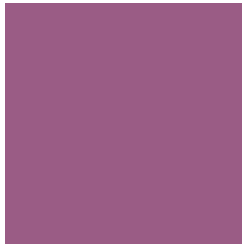
52.4620, 53.5870, 58.6030



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 115.2120, 23.7910, 25.8950 looks on a white background.

Color Contrast Check

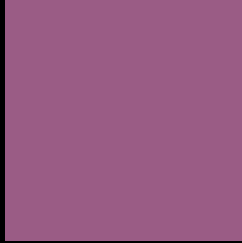
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2120, 23.7910, 25.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

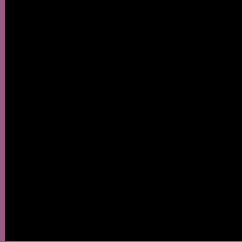
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.2120, 23.7910, 25.8950

Background



This preview shows how black text looks on a background with the YIQ color 115.2120, 23.7910, 25.8950.



This preview shows how white text looks on a background with the YIQ color 115.2120, 23.7910,

25.8950.

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

115.2120, 23.7910, 25.8950

Protanopia

112.5980, -16.0030, 9.1890

Deuteranopia

113.7750, -3.4400, 7.2800



Tritanopia

114.0580, 29.6160, 13.9360

Trichromacy



Original Color

115.2120, 23.7910, 25.8950

Protanomaly

113.6000, -1.1490, 15.3230

Deuteranomaly

113.9660, 6.5080, 14.2200

Tritanomaly

114.3230, 27.5520, 18.3040

Monochromacy



Original Color

115.2120, 23.7910, 25.8950

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2880, 8.2970, 9.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2120, 23.7910, 25.8950 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(154, 92, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 133)  
}
```

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(154, 92, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 133) }
```

Border

The CSS property to change the border of an element to YIQ 115.2120, 23.7910, 25.8950 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(154, 92, 133) }
```


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

```
.border{ border-color:rgb(154, 92, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 133);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2120, 23.7910, 25.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 133) }
```

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

```
.background{ background-color: rgb(154, 92,  
133) }
```

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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