

Converting Colors

YIQ(115.2570, 27.9180, 22.6860)

Have a look what the booklet for
YIQ(115.2570, 27.9180, 22.6860)
contains.

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Color

**YIQ(115.2570, 27.9180,
22.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5D7B
RGB	156, 93, 123
RGB Percent	61%, 36%, 48%
CMY	0.3881, 0.6354, 0.5176
CMYK	0.00, 0.40, 0.21, 0.39
HSL	331°, 25%, 49%
HSV	331°, 40%, 61%
XYZ	21.2072, 16.3269, 20.7799
YIQ	115.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

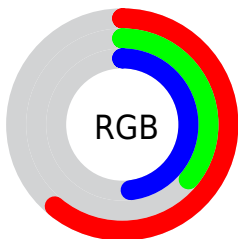
Format	Color
R_{YB}	156, 93, 123
Decimal	10247547
CIE _{Lab}	47.40, 29.98, -5.84
CIE _{LCh}	47, 30.547, 348.984
Yxy	16.3269, 0.3637, 0.2800
Android (android.graphics.Color)	4288437627 (0xFF9C5D7B)
YUV	115.2570, 3.8173, 35.7316
Hunter-Lab	40.4066, 22.9735, -2.2065

Details

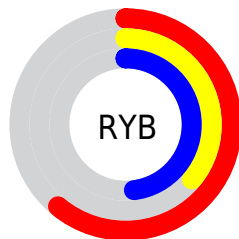
The YIQ color **115.2570, 27.9180, 22.6860** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.7430, -27.9180, -22.6860**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8660, 30.5770, 24.0570**, and **65.6480, 25.2590, 21.3150** is the 20% darker color. If you saturate the color by 10%, you get **104.9530, 34.8860, 28.5660**, and if you desaturate by 10%, it is **125.5610, 20.9500, 16.8060**.

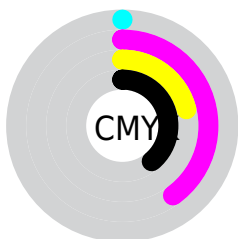
Distribution



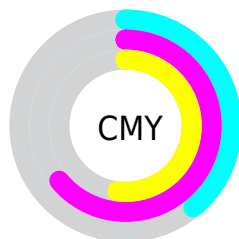
- Red (61%)
- Green (36%)
- Blue (48%)



- Red (61%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2570, 27.9180, 22.6860 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 115.2570, 27.9180, 22.6860 by changing the saturation by 10% instead.

■ 115.2570, 27.9180,
22.6860

■ 115.2570, 27.9180,
22.6860

■ 255.0000, -0.0000,
-0.0000

■ 89.6590, 26.7260,
22.2620

■ 167.8660, 30.5770,
24.0570

■ 65.6480, 25.2590,
21.3150

■ 195.5780, 31.4480,
24.7920

■ 41.5770, 24.0210,
21.7250

■ 219.3920, 23.1040,
21.8240

■ 19.3810, 21.6370,
20.8770

■ 238.5640, 7.7000,
14.6440

■ 10.0240, 17.7880,
8.0280

■ 0.0000, 0.0000,
0.0000

■ 115.2570, 27.9180,
22.6860

■ 115.2570, 27.9180,
22.6860

■ 104.9530, 34.8860,
28.5660

■ 125.5610, 20.9500,
16.8060

■ 95.2360, 41.5790,
33.9230

■ 135.2780, 14.2570,
11.4490

■ 84.9320, 48.5470,
39.8030

■ 145.6960, 6.9680,
5.8800

■ 75.1010, 55.5610,
44.8490

■ 155.4130, 0.2750,
0.5230

■ 64.7970, 62.5290,
50.7290

■ 165.7170, -6.6930,
-5.3570


■ 55.0800, 69.2220,
56.0860

■ 176.0210,
-13.6610, -11.2370

■ 185.7380,
-20.3540, -16.5940

■ 196.0420,

-27.3220, -22.4740

 205.8730,
-34.3360, -27.5200

Harmonies

Analogous

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



115.7090, 6.0940, 21.7260



115.2570, 27.9180, 22.6860



114.0870, 39.8400, 15.8720

Triad

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



115.2570, 27.9180, 22.6860



109.0610, 15.2250, -17.1190



89.3010, -81.9750, -17.6790

Complementary

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



115.2570, 27.9180, 22.6860



133.7430, -27.9180, -22.6860

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.



88.5540, -75.7380, -26.0900



115.2570, 27.9180, 22.6860



105.3230, -9.1200, -21.9520

Square

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



115.2570, 27.9180, 22.6860



111.4270, 32.0500, -8.1580



99.0560, -39.1050, -23.6890



103.8800, -52.2680, 0.1160

Rectangle

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



115.2570, 27.9180, 22.6860



113.1270, 42.3630, 8.6910



99.0560, -39.1050, -23.6890



89.7910, -80.5990, -20.5910

Sweetspot

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



115.2570, 27.9180, 22.6860



188.4300, 10.7730, 8.5090



110.0490, -0.5550, 26.5890



92.9840, 6.0970, 5.1450



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.



115.2570, 27.9180, 22.6860



140.6600, 43.3210, 35.3930



112.4240, 37.2730, 12.8330



73.8480, 3.4840, 2.9400



50.5090, 63.4000, 51.4640



5.2830, 6.6930, 5.3570

Inverse Universe

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



115.2570, 27.9180, 22.6860



140.6600, 43.3210, 35.3930



136.5760, -37.2730, -12.8330



73.8480, 3.4840, 2.9400



50.5090, 63.4000, 51.4640



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 115.2570, 27.9180, 22.6860 looks on a white background.

Color Contrast Check

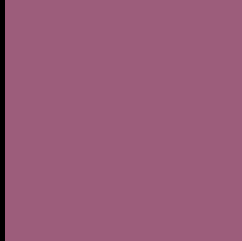
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2570, 27.9180, 22.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

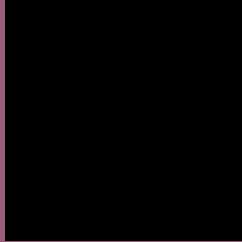
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.2570, 27.9180, 22.6860

Background



This preview shows how black text looks on a background with the YIQ color 115.2570, 27.9180, 22.6860.



This preview shows how white text looks on a background with the YIQ color 115.2570, 27.9180,

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

115.2570, 27.9180, 22.6860

Protanopia

113.4260, -9.7670, 6.3050

Deuteranopia

114.1300, 2.7500, 5.2300



Tritanopia

114.8410, 31.7250, 14.2610

Trichromacy



Original Color

115.2570, 27.9180, 22.6860

Protanomaly

113.9440, 3.5740, 12.3260

Deuteranomaly

114.6090, 11.8270, 11.4350

Tritanomaly

115.3510, 30.3490, 17.1730

Monochromacy



Original Color

115.2570, 27.9180, 22.6860

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1310, 10.1770, 8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2570, 27.9180, 22.6860 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(156, 93, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 93, 123)  
}
```

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(156, 93, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 123) }
```

Border

The CSS property to change the border of an element to YIQ 115.2570, 27.9180, 22.6860 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(156, 93, 123) }
```


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

```
.border{ border-color:rgb(156, 93, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 93, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 93, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 93, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 93,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2570, 27.9180, 22.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 93, 123) }
```

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

```
.background{ background-color: rgb(156, 93,  
123) }
```

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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