

Converting Colors

YIQ(100.2660, 23.6990, 27.5630)

Have a look what the booklet for
YIQ(100.2660, 23.6990, 27.5630)
contains.

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Color

**YIQ(100.2660, 23.6990,
27.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4C79
RGB	140, 76, 121
RGB Percent	55%, 30%, 47%
CMY	0.4508, 0.7021, 0.5254
CMYK	0.00, 0.46, 0.14, 0.45
HSL	318°, 30%, 42%
HSV	318°, 46%, 55%
XYZ	16.8577, 12.1255, 19.5460
YIQ	100.2660, 23.6990, 27.5630

Conversions

Conversions Part 2

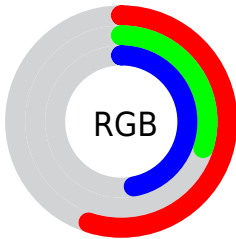
Format	Color
R_{YB}	140, 76, 121
Decimal	9194617
CIE _{Lab}	41.41, 33.45, -13.83
CIE _{LCh}	41, 36.194, 337.533
Yxy	12.1255, 0.3474, 0.2499
Android (android.graphics.Color)	4287384697 (0xFF8C4C79)
YUV	100.2660, 10.2219, 34.8467
Hunter-Lab	34.8217, 25.4766, -8.9053

Details

The YIQ color **100.2660, 23.6990, 27.5630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.7340, -23.6990, -27.5630**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.5760, 25.7620, 28.7220**, and **50.9560, 21.6360, 26.4040** is the 20% darker color. If you saturate the color by 10%, you get **91.5920, 28.8330, 33.6410**, and if you desaturate by 10%, it is **108.9400, 18.5650, 21.4850**.

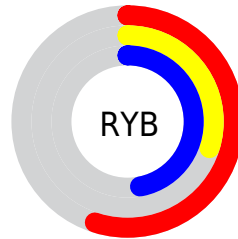
Distribution



Red (55%)

Green (30%)

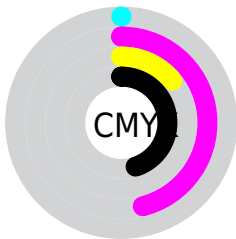
Blue (47%)



Red (55%)

Yellow (30%)

Blue (47%)

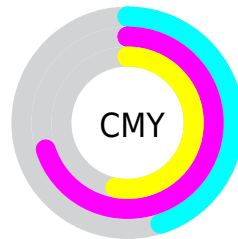


Cyan (0%)

Magenta (46%)

Yellow (14%)

Black (45%)



Cyan (45%)


Magenta (70%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.2660, 23.6990, 27.5630 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 100.2660, 23.6990, 27.5630 by changing the saturation by 10% instead.


 100.2660, 23.6990,
27.5630


 100.2660, 23.6990,
27.5630


255.0000, -0.0000,
-0.0000


 75.5540, 22.8280,
26.8280


 152.5760, 25.7620,
28.7220


 50.3690, 21.9110,
26.9270

 179.4020, 26.3120,
29.7680


 25.1240, 21.2230,
28.3830

 207.1140, 27.1830,
30.5030

 15.8640, 15.7230,
17.9230

 227.4110, 12.9250,
24.5810

 0.0000, 0.0000,
0.0000

 244.4340, 4.9500,
9.4140

100.2660, 23.6990,
27.5630

100.2660, 23.6990,
27.5630

91.5920, 28.8330,
33.6410

108.9400, 18.5650,
21.4850

82.9180, 33.9670,
39.7190

117.6140, 13.4310,
15.4070

74.2440, 39.1010,
45.7970

126.2880, 8.2970,
9.3290

65.4560, 44.5560,
51.5640

135.0760, 2.8420,
3.5620

56.7820, 49.6900,
57.6420

143.7500, -2.2920,
-2.5160


53.0320, 51.9820,
60.1580

152.4240, -7.4260,
-8.5940

161.0980,
-12.5600, -14.6720

169.7720,

-17.6940, -20.7500

 178.4460,
-22.8280, -26.8280

Harmonies

Analogous

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



100.4890, -4.9100, 22.9140



100.2660, 23.6990, 27.5630



98.3850, 42.1770, 23.0810

Triad

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



100.2660, 23.6990, 27.5630



94.5090, 25.5870, -17.6850



80.3190, -73.2180, -16.6900

Complementary

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



100.2660, 23.6990, 27.5630



115.7340, -23.6990, -27.5630

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.



78.3010, -64.7800, -26.4440



100.2660, 23.6990, 27.5630



90.4180, 0.7380, -24.3980

Square

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



100.2660, 23.6990, 27.5630



96.2110, 41.5860, -4.7660



82.5630, -36.3990, -28.6790



80.1370, -78.2170, -8.6890

Rectangle

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



100.2660, 23.6990, 27.5630



97.6810, 46.8550, 15.3910



82.5630, -36.3990, -28.6790



79.8800, -70.6040, -20.0120

Sweetspot

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



100.2660, 23.6990, 27.5630



165.5270, 9.1220, 10.8980



88.6780, -9.8160, 23.7200



82.0380, 6.0050, 6.8130



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.



100.2660, 23.6990, 27.5630



118.8800, 37.1300, 42.9700



96.7320, 33.6500, 17.9220



64.6630, 2.5670, 3.0390



50.3690, 49.4150, 57.1190



1.9510, 1.6960, 2.3040

Inverse Universe

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



100.2660, 23.6990, 27.5630



118.8800, 37.1300, 42.9700



119.2680, -33.6500, -17.9220



64.6630, 2.5670, 3.0390



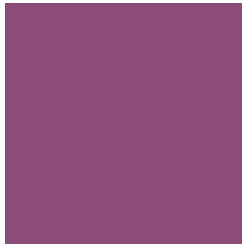
50.3690, 49.4150, 57.1190



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 100.2660, 23.6990, 27.5630 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 100.2660, 23.6990, 27.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

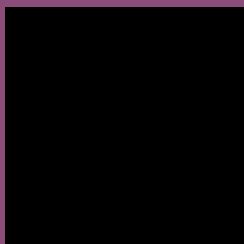
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.2660, 23.6990, 27.5630

Background



This preview shows how black text looks on a background with the YIQ color 100.2660, 23.6990, 27.5630.



This preview shows how white text looks on a background with the YIQ color 100.2660, 23.6990,

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

100.2660, 23.6990, 27.5630

Protanopia

98.1570, -19.0750, 9.7970

Deuteranopia

99.1060, -5.8700, 7.2660



Tritanopia

99.8300, 30.2580, 13.3140

Trichromacy



Original Color

100.2660, 23.6990, 27.5630

Protanomaly

98.8710, -3.3500, 16.6660

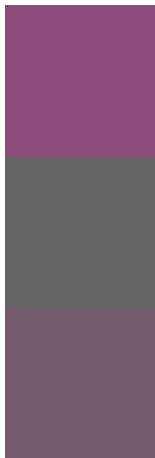
Deuteranomaly

99.5960, 4.6740, 14.4180

Tritanomaly

99.7360, 27.8270, 18.8270

Monochromacy



Original Color

100.2660, 23.6990, 27.5630

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.2660, 23.6990, 27.5630 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(140, 76, 121)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 121)  
}
```

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(140, 76, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 121) }
```

Border

The CSS property to change the border of an element to YIQ 100.2660, 23.6990, 27.5630 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(140, 76, 121) }
```


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

```
.border{ border-color:rgb(140, 76, 121) }
```

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

Here you see how a box with a 4 pixel rgb(140, 76, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 121);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 100.2660, 23.6990, 27.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 121) }
```

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

```
.background{ background-color: rgb(140, 76,  
121) }
```

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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