

Converting Colors

YIQ(101.2130, 4.8550, 27.6630)

Have a look what the booklet for
YIQ(101.2130, 4.8550, 27.6630)
contains.

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Color

**YIQ(101.2130, 4.8550,
27.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	7B528F
RGB	123, 82, 143
RGB Percent	48%, 32%, 56%
CMY	0.5175, 0.6785, 0.4392
CMYK	0.14, 0.43, 0.00, 0.44
HSL	280°, 27%, 44%
HSV	280°, 43%, 56%
XYZ	16.1467, 12.2285, 27.4931
YIQ	101.2130, 4.8550, 27.6630

Conversions

Conversions Part 2

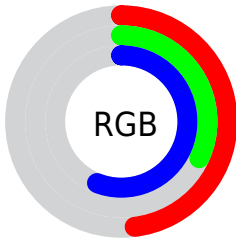
Format	Color
R _Y B	123, 82, 143
Decimal	8082063
CIE Lab	41.58, 28.74, -27.14
CIE LCh	42, 39.531, 316.642
Yxy	12.2285, 0.2890, 0.2189
Android (android.graphics.Color)	4286272143 (0xFF7B528F)
YUV	101.2130, 20.6010, 19.1072
Hunter-Lab	34.9692, 21.2246, -22.1358

Details

The YIQ color **101.2130, 4.8550, 27.6630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.7870, -4.8550, -27.6630**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8650, 5.9550, 29.7550**, and **52.8600, 4.3510, 25.7830** is the 20% darker color. If you saturate the color by 10%, you get **91.5000, 5.7250, 33.9250**, and if you desaturate by 10%, it is **110.9260, 3.9850, 21.4010**.

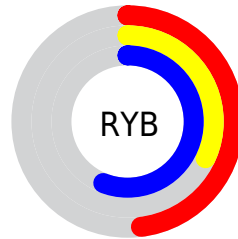
Distribution



Red (48%)

Green (32%)

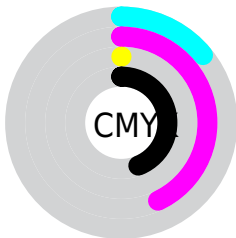
Blue (56%)



Red (48%)

Yellow (32%)

Blue (56%)

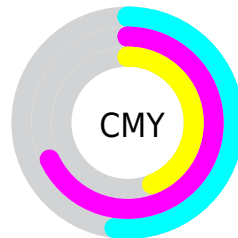


Cyan (14%)

Magenta (43%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (68%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2130, 4.8550, 27.6630 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 101.2130, 4.8550, 27.6630 by changing the saturation by 10% instead.

101.2130, 4.8550,
27.6630

101.2130, 4.8550,
27.6630

255.0000, -0.0000,
-0.0000

76.3870, 4.3050,
26.6170

152.8650, 5.9550,
29.7550

52.8600, 4.3510,
25.7830

179.9790, 5.6340,
30.0660

30.0340, 3.8010,
24.7370

207.8050, 6.1840,
31.1120

13.9150, 2.5180,
20.4540

230.9330, 11.2750,
21.4430

3.3230, -7.9790,
6.9410

247.3690, 3.5750,
6.7990

0.0000, 0.0000,
0.0000

101.2130, 4.8550,
27.6630

101.2130, 4.8550,
27.6630

91.5000, 5.7250,
33.9250

110.9260, 3.9850,
21.4010

81.4990, 7.4660,
40.9220

120.9270, 2.2440,
14.4040

71.7860, 8.3360,
47.1840

130.6400, 1.3740,
8.1420

62.0730, 9.2060,
53.4460

140.3530, 0.5040,
1.8800

52.0720, 10.9470,
60.4430

149.7670, -0.9620,
-4.5940

45.0060, 11.3130,
64.8250

160.0670, -2.1070,
-11.3790

169.7800, -2.9770,
-17.6410

179.1940, -4.4430,

-24.1150

■ 189.4940, -5.5880,
-30.9000

Harmonies

Analogous

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



96.1310, -33.3810, 15.7630



101.2130, 4.8550, 27.6630



99.5230, 33.2810, 30.1210

Triad

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



101.2130, 4.8550, 27.6630



95.3370, 40.9910, -10.5050



80.1420, -68.5860, -23.5460

Complementary

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



101.2130, 4.8550, 27.6630



123.7870, -4.8550, -27.6630

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.



75.6790, -57.3970, -33.5970



101.2130, 4.8550, 27.6630



93.0090, 21.0030, -22.7170

Square

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



101.2130, 4.8550, 27.6630



96.8520, 50.3870, 6.4430



88.0360, -9.9900, -28.2140



82.2740, -77.3450, -13.4810

Rectangle

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



101.2130, 4.8550, 27.6630



98.2330, 45.6610, 26.0210



88.0360, -9.9900, -28.2140



78.8880, -65.0550, -26.9670

Sweetspot

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



101.2130, 4.8550, 27.6630



169.5200, 1.8320, 10.8560



100.6940, -25.0810, 8.5110



83.7000, 1.1450, 6.7850



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



101.2130, 4.8550, 27.6630



120.9660, 7.6490, 43.1130



106.0530, 19.9850, 28.7930



66.2930, 0.7330, 3.2370



42.5990, 10.9010, 61.2770



2.4070, 0.4120, 3.5480

Inverse Universe

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



102.5190, 29.9360, 19.1520



122.9390, 46.6690, 29.7810



118.9470, -19.9850, -28.7930



66.4350, 3.2090, 2.4170



45.3810, 66.3360, 42.3040



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 101.2130, 4.8550, 27.6630 looks on a white background.

Color Contrast Check

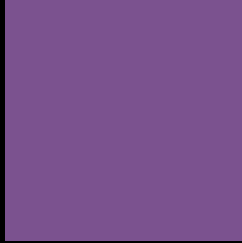
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2130, 4.8550, 27.6630 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 101.2130, 4.8550, 27.6630

Background



This preview shows how black text looks on a background with the YIQ color 101.2130, 4.8550, 27.6630.



This preview shows how white text looks on a background with the YIQ color 101.2130, 4.8550,

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

101.2130, 4.8550, 27.6630

Protanopia

96.7460, -30.8590, 14.1090

Deuteranopia

97.7160, -22.1470, 10.4050



Tritanopia

99.9740, 12.0570, 7.2650

Trichromacy



Original Color

101.2130, 4.8550, 27.6630

Protanomaly

98.4380, -18.0680, 19.0840

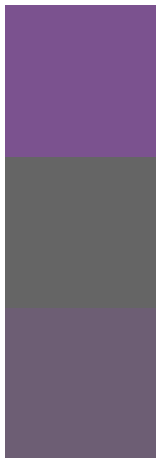
Deuteranomaly

99.3800, -12.1530, 16.5110

Tritanomaly

100.3470, 9.8090, 14.9690

Monochromacy



Original Color

101.2130, 4.8550, 27.6630

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2130, 4.8550, 27.6630 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(123, 82, 143)` looks like.

```
.text, #text, p{  
    color:rgb(123, 82, 143)  
}
```

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(123, 82, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 82, 143) }
```

Border

The CSS property to change the border of an element to YIQ 101.2130, 4.8550, 27.6630 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(123, 82, 143) }
```


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

```
.border{ border-color:rgb(123, 82, 143) }
```

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

Here you see how a box with a 4 pixel rgb(123, 82, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 82, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 82, 143);  
box-shadow:4px 4px 4px 4px rgb(123, 82,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2130, 4.8550, 27.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 82, 143) }
```

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

```
.background{ background-color: rgb(123, 82,  
143) }
```

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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