

Converting Colors

YIQ(128.6230, 18.3800, 30.3480)

Have a look what the booklet for
YIQ(128.6230, 18.3800, 30.3480)
contains.

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Color

**YIQ(128.6230, 18.3800,
30.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	A568A0
RGB	165, 104, 160
RGB Percent	65%, 41%, 63%
CMY	0.3528, 0.5922, 0.3725
CMYK	0.00, 0.37, 0.03, 0.35
HSL	305°, 25%, 53%
HSV	305°, 37%, 65%
XYZ	26.8202, 20.4381, 35.7925
YIQ	128.6230, 18.3800, 30.3480

Conversions

Conversions Part 2

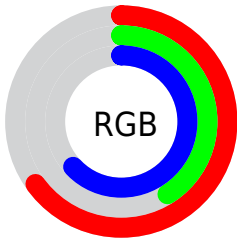
Format	Color
R _Y B	165, 104, 160
Decimal	10840224
CIE Lab	52.33, 33.43, -20.22
CIE LCh	52, 39.071, 328.831
Yxy	20.4381, 0.3229, 0.2461
Android (android.graphics.Color)	4289030304 (0xFFA568A0)
YUV	128.6230, 15.4689, 31.9026
Hunter-Lab	45.2085, 26.7812, -15.2952

Details

The YIQ color **128.6230, 18.3800, 30.3480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.3770, -18.3800, -30.3480**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.1610, 19.8010, 32.1290**, and **78.0850, 16.9590, 28.5670** is the 20% darker color. If you saturate the color by 10%, you get **118.5300, 23.3760, 38.9280**, and if you desaturate by 10%, it is **138.1290, 13.6590, 22.2910**.

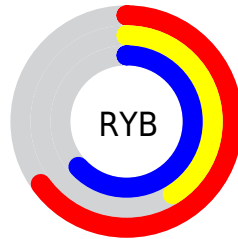
Distribution



Red (65%)

Green (41%)

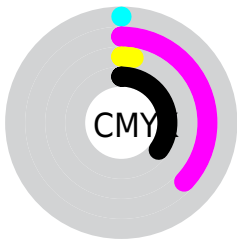
Blue (63%)



Red (65%)

Yellow (41%)

Blue (63%)

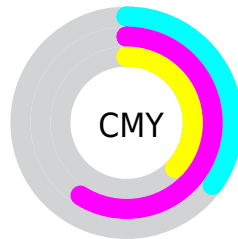


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (59%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.6230, 18.3800, 30.3480 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 128.6230, 18.3800, 30.3480 by changing the saturation by 10% instead.

128.6230, 18.3800,
30.3480

128.6230, 18.3800,
30.3480

255.0000, -0.0000,
-0.0000

102.9110, 17.5090,
29.6130

182.1610, 19.8010,
32.1290

78.0850, 16.9590,
28.5670

210.4600, 20.3970,
32.3410

53.4870, 15.7670,
28.1430

229.7590, 11.8250,
22.4890

28.4270, 15.9960,
29.5000

246.1950, 4.1250,
7.8450

16.4060, 11.3210,
20.6090

1.8240, -5.1360,
4.9760

0.0000, 0.0000,

0.0000

■ 128.6230, 18.3800,
30.3480

■ 128.6230, 18.3800,
30.3480

■ 118.5300, 23.3760,
38.9280

■ 138.1290, 13.6590,
22.2910

■ 108.9100, 28.4180,
46.6740

■ 148.3360, 8.3420,
14.0220

■ 98.8170, 33.4140,
55.2540

■ 157.8420, 3.6210,
5.9650

■ 89.3110, 38.1350,
63.3110

■ 167.9350, -1.3750,
-2.6150

■ 79.1040, 43.4520,
71.5800

■ 178.1420, -6.6920,
-10.8840

■ 69.5980, 48.1730,
79.6370

■ 187.6480,
-11.4130, -18.9410

■ 66.5490, 49.8690,
81.9410

■ 197.8550,
-16.7300, -27.2100

■ 207.3610,
-21.4510, -35.2670

■ 217.4540,
-26.4470, -43.8470

Harmonies

Analogous

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



127.0300, -16.7390, 22.5330



128.6230, 18.3800, 30.3480



126.8460, 42.4970, 28.2970

Triad

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



128.6230, 18.3800, 30.3480



122.2390, 35.2150, -15.9610



100.5510, -88.8510, -25.2270

Complementary

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



128.6230, 18.3800, 30.3480



140.3770, -18.3800, -30.3480

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.



97.2620, -78.2120, -36.3240



128.6230, 18.3800, 30.3480



118.2680, 9.9080, -25.3880

Square

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



128.6230, 18.3800, 30.3480



123.7500, 50.4340, 0.0820



112.6690, -25.0740, -30.1780



101.0530, -95.7760, -15.3600

Rectangle

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



128.6230, 18.3800, 30.3480



125.7080, 51.3930, 21.2570



112.6690, -25.0740, -30.1780



99.8840, -85.5950, -29.1710

Sweetspot

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



128.6230, 18.3800, 30.3480



200.2710, 6.9670, 11.4070



112.1500, -17.1970, 19.8190



98.6680, 4.1710, 7.0110



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



128.6230, 18.3800, 30.3480



157.9100, 28.4180, 46.6740



125.2030, 28.0100, 21.0180



76.6030, 2.7960, 4.3960



58.5170, 43.7270, 72.1030



7.2060, 5.5920, 8.7920

Inverse Universe

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



128.6230, 18.3800, 30.3480



157.9100, 28.4180, 46.6740



143.7970, -28.0100, -21.0180



76.6030, 2.7960, 4.3960



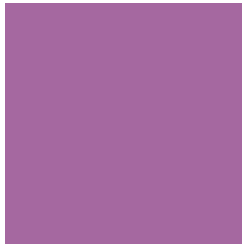
58.5170, 43.7270, 72.1030



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 128.6230, 18.3800, 30.3480 looks on a white background.

Color Contrast Check

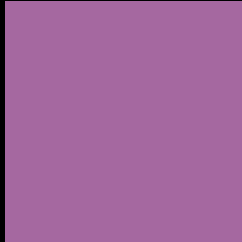
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 128.6230, 18.3800, 30.3480 looks on a black 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

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

YIQ 128.6230, 18.3800, 30.3480

Background



This preview shows how black text looks on a background with the YIQ color 128.6230, 18.3800, 30.3480.



This preview shows how white text looks on a background with the YIQ color 128.6230, 18.3800,

30.3480.

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

128.6230, 18.3800, 30.3480

Protanopia

125.0410, -24.4400, 13.4160

Deuteranopia

126.2780, -12.1060, 10.1500



Tritanopia

127.3780, 25.7190, 12.9750

Trichromacy



Original Color

128.6230, 18.3800, 30.3480

Protanomaly

126.3420, -8.9900, 19.7620

Deuteranomaly

127.0670, -0.9660, 17.5140

Tritanomaly

127.8110, 23.2420, 19.3220

Monochromacy



Original Color

128.6230, 18.3800, 30.3480

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6230, 18.3800, 30.3480 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(165, 104, 160)` looks like.

```
.text, #text, p{  
    color:rgb(165, 104, 160)  
}
```

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(165, 104, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 104, 160) }
```

Border

The CSS property to change the border of an element to YIQ 128.6230, 18.3800, 30.3480 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(165, 104, 160) }
```


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

```
.border{ border-color:rgb(165, 104, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 104, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 104, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 104, 160);  
box-shadow:4px 4px 4px 4px rgb(165, 104,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6230, 18.3800, 30.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 104, 160) }
```

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

```
.background{ background-color: rgb(165,  
104, 160) }
```

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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