

Converting Colors

YIQ(131.2660, 23.6990, 27.5630)

Have a look what the booklet for
YIQ(131.2660, 23.6990, 27.5630)
contains.

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Color

**YIQ(131.2660, 23.6990,
27.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6B98
RGB	171, 107, 152
RGB Percent	67%, 42%, 60%
CMY	0.3292, 0.5805, 0.4039
CMYK	0.00, 0.37, 0.11, 0.33
HSL	318°, 28%, 55%
HSV	318°, 37%, 67%
XYZ	27.7282, 21.4404, 32.3892
YIQ	131.2660, 23.6990, 27.5630

Conversions

Conversions Part 2

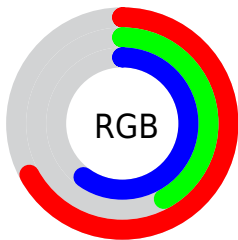
Format	Color
R _Y B	171, 107, 152
Decimal	11234200
CIE _{Lab}	53.43, 32.35, -13.81
CIE _{LCh}	53, 35.176, 336.892
Y _{xy}	21.4404, 0.3400, 0.2629
Android (android.graphics.Color)	4289424280 (0xFFAB6B98)
YUV	131.2660, 10.2219, 34.8467
Hunter-Lab	46.3038, 25.8602, -9.0604

Details

The YIQ color **131.2660, 23.6990, 27.5630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.7340, -23.6990, -27.5630**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6900, 25.4410, 29.0330**, and **80.5430, 21.3610, 25.8810** is the 20% darker color. If you saturate the color by 10%, you get **120.7170, 29.9790, 34.8990**, and if you desaturate by 10%, it is **141.8150, 17.4190, 20.2270**.

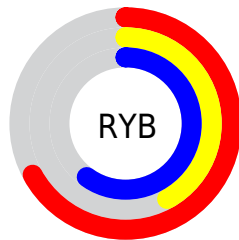
Distribution



Red (67%)

Green (42%)

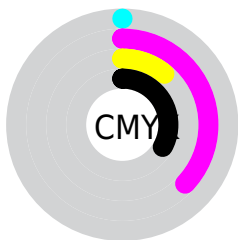
Blue (60%)



Red (67%)

Yellow (42%)

Blue (60%)

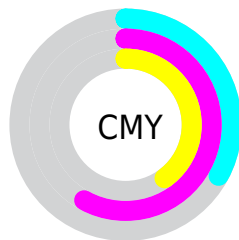


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.2660, 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 131.2660, 23.6990, 27.5630 by changing the saturation by 10% instead.

131.2660, 23.6990,
27.5630

131.2660, 23.6990,
27.5630

255.0000, -0.0000,
-0.0000

105.5540, 22.8280,
26.8280

184.6900, 25.4410,
29.0330

80.5430, 21.3610,
25.8810

212.8040, 25.1200,
29.3440

56.2440, 20.7650,
25.6690

231.5200, 11.0000,
20.9200

30.8850, 20.3980,
26.8140

247.9560, 3.3000,
6.2760

16.9180, 15.6310,
19.5910

3.0760, 2.8420,
3.5620

0.0000, 0.0000,

0.0000

■ 131.2660, 23.6990,
27.5630

■ 131.2660, 23.6990,
27.5630

■ 120.7170, 29.9790,
34.8990

■ 141.8150, 17.4190,
20.2270

■ 110.1680, 36.2590,
42.2350

■ 152.3640, 11.1390,
12.8910

■ 99.6190, 42.5390,
49.5710

■ 162.9130, 4.8590,
5.5550

■ 89.0700, 48.8190,
56.9070

■ 173.4620, -1.4210,
-1.7810

■ 77.9340, 55.3740,
64.7660

■ 184.5980, -7.9760,
-9.6400

■ 67.3850, 61.6540,
72.1020

■ 195.2610,
-14.5770, -16.6650

■ 64.8090, 63.3960,
73.5720

■ 205.8100,
-20.8570, -24.0010

■ 216.3590,
-27.1370, -31.3370

■ 223.3860,
-31.7670, -35.5350

Harmonies

Analogous

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



130.6030, -5.2310, 23.2250



131.2660, 23.6990, 27.5630



129.6840, 42.7730, 23.2930

Triad

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



131.2660, 23.6990, 27.5630



124.5200, 27.0540, -16.7380



101.9360, -91.3730, -23.5730

Complementary

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



131.2660, 23.6990, 27.5630



146.7340, -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.



99.8040, -82.6140, -33.6380



131.2660, 23.6990, 27.5630



121.0160, 1.9300, -23.9740

Square

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



131.2660, 23.6990, 27.5630



127.1080, 43.3740, -4.1300



115.4280, -31.5850, -27.8170



105.7660, -87.4780, -11.5580

Rectangle

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



131.2660, 23.6990, 27.5630



128.5780, 48.6430, 16.0270



115.4280, -31.5850, -27.8170



101.4970, -88.7590, -26.8950

Sweetspot

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



131.2660, 23.6990, 27.5630



206.5270, 9.1220, 10.8980



119.6780, -9.8160, 23.7200



103.3260, 5.1340, 6.0780



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



131.2660, 23.6990, 27.5630



159.8800, 37.1300, 42.9700



127.7320, 33.6500, 17.9220



81.3750, 3.4380, 3.7740



56.9340, 55.3740, 64.7660



8.7010, 8.5720, 9.8520

Inverse Universe

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



131.2660, 23.6990, 27.5630



159.8800, 37.1300, 42.9700



150.2680, -33.6500, -17.9220



81.3750, 3.4380, 3.7740



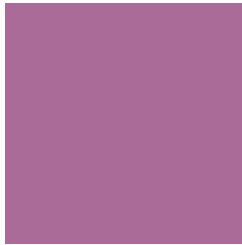
56.9340, 55.3740, 64.7660



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 131.2660, 23.6990, 27.5630 looks on a white background.

Color Contrast Check

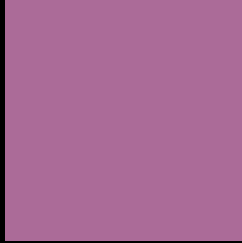
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2660, 23.6990, 27.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

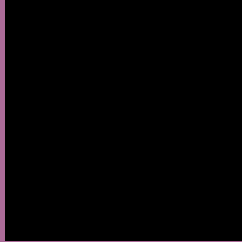
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.2660, 23.6990, 27.5630

Background



This preview shows how black text looks on a background with the YIQ color 131.2660, 23.6990, 27.5630.



This preview shows how white text looks on a background with the YIQ color 131.2660, 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

131.2660, 23.6990, 27.5630

Protanopia

128.7550, -17.8830, 10.2210

Deuteranopia

129.2310, -4.7240, 8.5240



Tritanopia

130.0580, 29.6160, 13.9360

Trichromacy



Original Color

131.2660, 23.6990, 27.5630

Protanomaly

129.7570, -3.0290, 16.3550

Deuteranomaly

129.7210, 5.8200, 15.6760

Tritanomaly

130.4370, 27.2310, 18.6150

Monochromacy



Original Color

131.2660, 23.6990, 27.5630

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2660, 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(171, 107, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 107, 152)  
}
```

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(171, 107, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 107, 152) }
```

Border

The CSS property to change the border of an element to YIQ 131.2660, 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(171, 107, 152) }
```


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

```
.border{ border-color:rgb(171, 107, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 107, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 107, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 107, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 107,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2660, 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(171, 107, 152) }
```

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

```
.background{ background-color: rgb(171,  
107, 152) }
```

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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