

Converting Colors

YIQ(129.5630, 18.6090, 31.7050)

Have a look what the booklet for
YIQ(129.5630, 18.6090, 31.7050)
contains.

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Color

**YIQ(129.5630, 18.6090,
31.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	A768A3
RGB	167, 104, 163
RGB Percent	65%, 41%, 64%
CMY	0.3449, 0.5922, 0.3608
CMYK	0.00, 0.38, 0.02, 0.34
HSL	304°, 26%, 53%
HSV	304°, 38%, 66%
XYZ	27.5056, 20.7606, 37.2112
YIQ	129.5630, 18.6090, 31.7050

Conversions

Conversions Part 2

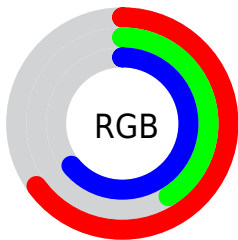
Format	Color
R _Y B	167, 104, 163
Decimal	10971299
CIE Lab	52.69, 34.66, -21.41
CIE LCh	53, 40.737, 328.302
Yxy	20.7606, 0.3218, 0.2429
Android (android.graphics.Color)	4289161379 (0xFFA768A3)
YUV	129.5630, 16.4844, 32.8322
Hunter-Lab	45.5638, 28.0187, -16.5265

Details

The YIQ color **129.5630, 18.6090, 31.7050** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.4370, -18.6090, -31.7050**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1010, 20.0300, 33.4860**, and **79.0250, 17.1880, 29.9240** is the 20% darker color. If you saturate the color by 10%, you get **119.4700, 23.6050, 40.2850**, and if you desaturate by 10%, it is **139.6560, 13.6130, 23.1250**.

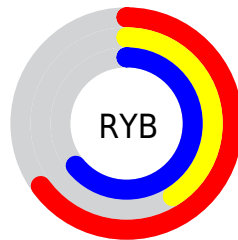
Distribution



Red (65%)

Green (41%)

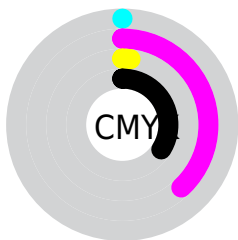
Blue (64%)



Red (65%)

Yellow (41%)

Blue (64%)

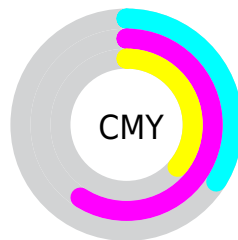


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (59%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5630, 18.6090, 31.7050 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 129.5630, 18.6090, 31.7050 by changing the saturation by 10% instead.

■ 129.5630, 18.6090,
31.7050

■ 129.5630, 18.6090,
31.7050

■ 255.0000, -0.0000,
-0.0000

■ 103.8510, 17.7380,
30.9700

■ 183.1010, 20.0300,
33.4860

■ 79.0250, 17.1880,
29.9240

■ 211.5140, 20.3050,
34.0090

■ 53.8400, 16.2710,
30.0230

■ 229.7590, 11.8250,
22.4890

■ 28.3670, 16.2250,
30.8570

■ 246.1950, 4.1250,
7.8450

■ 16.9330, 11.2750,
21.4430

■ 2.1660, -6.0990,
5.9090

■ 0.0000, 0.0000,

0.0000

■ 129.5630, 18.6090,
31.7050

■ 129.5630, 18.6090,
31.7050

■ 119.4700, 23.6050,
40.2850

■ 139.6560, 13.6130,
23.1250

■ 109.9640, 28.3260,
48.3420

■ 149.1620, 8.8920,
15.0680

■ 99.8710, 33.3220,
56.9220

■ 159.2550, 3.8960,
6.4880

■ 89.7780, 38.3180,
65.5020

■ 169.3480, -1.1000,
-2.0920

■ 79.6850, 43.3140,
74.0820

■ 179.4410, -6.0960,
-10.6720

■ 70.1790, 48.0350,
82.1390

■ 188.9470,
-10.8170, -18.7290

■ 67.7170, 49.4560,
83.9200

■ 199.0400,
-15.8130, -27.3090

■ 209.2470,
-21.1300, -35.5780

■ 218.7530,
-25.8510, -43.6350

Harmonies

Analogous

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



127.3720, -17.7020, 23.4660



129.5630, 18.6090, 31.7050



127.5690, 44.8350, 29.9790

Triad

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



129.5630, 18.6090, 31.7050



122.6090, 37.0490, -16.1590



101.9530, -90.0430, -25.6510

Complementary

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



129.5630, 18.6090, 31.7050



141.4370, -18.6090, -31.7050

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.



97.9630, -78.8080, -36.5360



129.5630, 18.6090, 31.7050



118.9260, 10.8710, -26.3210

Square

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



129.5630, 18.6090, 31.7050



124.5330, 52.5430, 0.4070



112.8430, -25.6240, -31.2240



102.6830, -97.6100, -15.1620

Rectangle

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



129.5630, 18.6090, 31.7050



126.4310, 53.7310, 22.9390



112.8430, -25.6240, -31.2240



100.6990, -86.5120, -29.0720

Sweetspot

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



129.5630, 18.6090, 31.7050



202.6840, 7.2420, 11.9300



112.0790, -18.4350, 20.2290



101.0810, 4.4460, 7.5340



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.5630, 18.6090, 31.7050



158.7900, 28.8760, 49.3880



126.0290, 28.5600, 22.0640



79.3040, 2.2000, 4.1840



59.9840, 43.9100, 74.2940



8.1460, 5.8210, 10.1490

Inverse Universe

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



129.5630, 18.6090, 31.7050



158.7900, 28.8760, 49.3880



144.9710, -28.5600, -22.0640



79.3040, 2.2000, 4.1840



59.9840, 43.9100, 74.2940



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 129.5630, 18.6090, 31.7050 looks on a white background.

Color Contrast Check

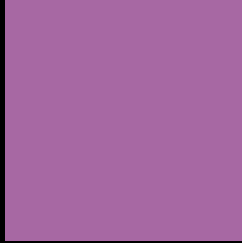
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5630, 18.6090, 31.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

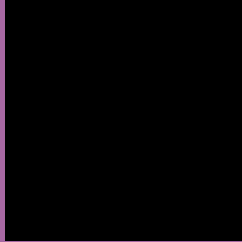
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.5630, 18.6090, 31.7050

Background



This preview shows how black text looks on a background with the YIQ color 129.5630, 18.6090, 31.7050.



This preview shows how white text looks on a background with the YIQ color 129.5630, 18.6090,

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

129.5630, 18.6090, 31.7050

Protanopia

125.6710, -26.2740, 13.6140

Deuteranopia

127.0930, -13.0230, 10.2490



Tritanopia

128.5630, 26.6360, 12.8760

Trichromacy



Original Color

129.5630, 18.6090, 31.7050

Protanomaly

127.2710, -10.2280, 20.1720

Deuteranomaly

128.1810, -1.2870, 17.8250

Tritanomaly

129.1100, 23.8380, 19.5340

Monochromacy



Original Color

129.5630, 18.6090, 31.7050

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5630, 18.6090, 31.7050 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(167, 104, 163)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 163)  
}
```

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(167, 104, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 163) }
```

Border

The CSS property to change the border of an element to YIQ 129.5630, 18.6090, 31.7050 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(167, 104, 163) }
```


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

```
.border{ border-color:rgb(167, 104, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 104, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 163);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5630, 18.6090, 31.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 163) }
```

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

```
.background{ background-color: rgb(167,  
104, 163) }
```

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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