

Converting Colors

YIQ(126.9030, 11.9600, 36.5680)

Have a look what the booklet for
YIQ(126.9030, 11.9600, 36.5680)
contains.

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Color

**YIQ(126.9030, 11.9600,
36.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	A164B0
RGB	161, 100, 176
RGB Percent	63%, 39%, 69%
CMY	0.3684, 0.6079, 0.3098
CMYK	0.08, 0.43, 0.00, 0.31
HSL	288°, 32%, 54%
HSV	288°, 43%, 69%
XYZ	27.0988, 19.8261, 43.4713
YIQ	126.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

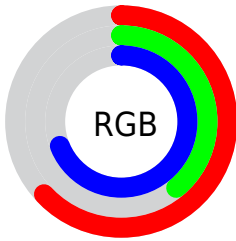
Format	Color
R_{YB}	161, 100, 176
Decimal	10577072
CIE _{Lab}	51.64, 37.53, -30.65
CIE _{LCh}	52, 48.456, 320.766
Yxy	19.8261, 0.2998, 0.2193
Android (android.graphics.Color)	4288767152 (0xFFA164B0)
YUV	126.9030, 24.2048, 29.9031
Hunter-Lab	44.5265, 30.7134, -26.7164

Details

The YIQ color **126.9030, 11.9600, 36.5680** is a light color, and the websafe version is hex **996699**. A complement of this color would be **149.0970, -11.9600, -36.5680**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.5550, 13.0600, 38.6600**, and **76.2510, 10.8600, 34.4760** is the 20% darker color. If you saturate the color by 10%, you get **115.4400, 15.1220, 45.3460**, and if you desaturate by 10%, it is **138.6650, 9.3940, 28.0020**.

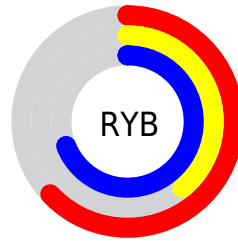
Distribution



Red (63%)

Green (39%)

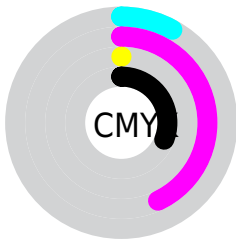
Blue (69%)



Red (63%)

Yellow (39%)

Blue (69%)

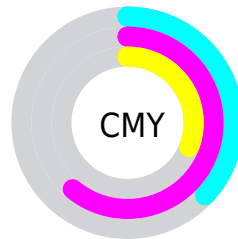


Cyan (8%)

Magenta (43%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (61%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9030, 11.9600, 36.5680 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 126.9030, 11.9600, 36.5680 by changing the saturation by 10% instead.

126.9030, 11.9600,
36.5680

126.9030, 11.9600,
36.5680

255.0000, -0.0000,
-0.0000

101.0770, 11.4100,
35.5220

180.5550, 13.0600,
38.6600

75.6640, 11.1350,
34.9990

207.6970, 15.5360,
37.8400

50.9520, 10.2640,
34.2640

226.8240, 13.2000,
25.1040

25.4790, 10.2180,
35.0980

243.8470, 5.2250,
9.9370

16.5780, 5.0850,
23.4930

3.3060, -9.3090,
9.0190

0.0000, 0.0000,

0.0000

126.9030, 11.9600,
36.5680

126.9030, 11.9600,
36.5680

115.4400, 15.1220,
45.3460

138.6650, 9.3940,
28.0020

104.2650, 17.4130,
53.3890

149.5410, 6.5070,
19.7470

92.8020, 20.5750,
62.1670

161.0040, 3.3450,
10.9690

81.6270, 22.8660,
70.2100

172.1790, 1.0540,
2.9260

70.1640, 26.0280,
78.9880

183.6420, -2.1080,
-5.8520

62.2230, 27.5400,
84.6280

195.4040, -4.6740,
-14.4180

■ 206.2800, -7.5610,
-22.6730

■ 218.0420,
-10.1270, -31.2390

■ 227.1570,
-12.1890, -37.9250

Harmonies

Analogous

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



122.0910, -35.9040, 22.9440



126.9030, 11.9600, 36.5680



124.2090, 46.2090, 38.1210

Triad

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



126.9030, 11.9600, 36.5680



118.8400, 49.5200, -16.4000



101.1550, -87.7960, -27.8280

Complementary

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



126.9030, 11.9600, 36.5680



149.0970, -11.9600, -36.5680

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.



95.6660, -73.7180, -40.6780



126.9030, 11.9600, 36.5680



116.0380, 22.0590, -30.8450

Square

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



126.9030, 11.9600, 36.5680



120.8550, 63.5000, 5.5800



108.7910, -19.8460, -36.8220



103.4980, -98.5270, -15.0630

Rectangle

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



126.9030, 11.9600, 36.5680



121.9360, 59.9190, 31.9430



108.7910, -19.8460, -36.8220



99.5590, -83.3020, -32.1820

Sweetspot

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



126.9030, 11.9600, 36.5680



210.5960, 4.6740, 14.4180



117.4690, -28.5210, 15.7910



102.6510, 2.8410, 9.0890



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



126.9030, 11.9600, 36.5680



152.3840, 18.6960, 57.6720



128.7660, 28.2830, 32.5950



83.1190, 1.2830, 4.2830



54.2190, 24.1950, 73.6590



8.9440, 3.5740, 12.3260

Inverse Universe

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



124.4340, 40.4810, 20.7770



148.6160, 63.8160, 32.9040



147.2340, -28.2830, -32.5950



82.9190, 4.7220, 2.5300



49.1670, 81.5580, 41.7660



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 126.9030, 11.9600, 36.5680 looks on a white background.

Color Contrast Check

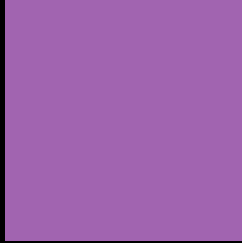
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9030, 11.9600, 36.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

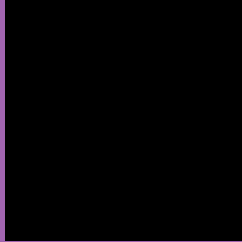
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.9030, 11.9600, 36.5680

Background



This preview shows how black text looks on a background with the YIQ color 126.9030, 11.9600, 36.5680.



This preview shows how white text looks on a background with the YIQ color 126.9030, 11.9600,

36.5680.

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

126.9030, 11.9600, 36.5680

Protanopia

122.1460, -37.7370, 17.6150

Deuteranopia

123.2150, -24.9900, 12.3700



Tritanopia

125.2850, 21.5470, 11.4910

Trichromacy



Original Color

126.9030, 11.9600, 36.5680

Protanomaly

123.5290, -19.5820, 24.4980

Deuteranomaly

124.6130, -11.1910, 21.1050

Tritanomaly

126.1140, 18.0150, 20.4390

Monochromacy



Original Color

126.9030, 11.9600, 36.5680

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7700, 4.1240, 13.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9030, 11.9600, 36.5680 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(161, 100, 176)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 176)  
}
```

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(161, 100, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 176) }
```

Border

The CSS property to change the border of an element to YIQ 126.9030, 11.9600, 36.5680 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(161, 100, 176) }
```


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

```
.border{ border-color:rgb(161, 100, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 176);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9030, 11.9600, 36.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 176) }
```

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

```
.background{ background-color: rgb(161,  
100, 176) }
```

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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