

Converting Colors

YIQ(126.1420, 3.6170, 28.0730)

Have a look what the booklet for
YIQ(126.1420, 3.6170, 28.0730)
contains.

YIQ(126.1420, 3.6170, 28.0730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.1420, 3.6170,
28.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	936BAA
RGB	147, 107, 170
RGB Percent	58%, 42%, 67%
CMY	0.4234, 0.5804, 0.3334
CMYK	0.14, 0.37, 0.00, 0.33
HSL	278°, 27%, 54%
HSV	278°, 37%, 67%
XYZ	24.5496, 19.6201, 40.5190
YIQ	126.1420, 3.6170, 28.0730

Conversions

Conversions Part 2

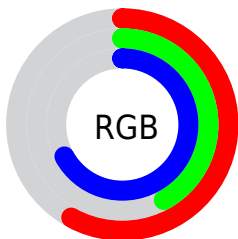
Format	Color
R_{YB}	147, 107, 170
Decimal	9661354
CIE _{Lab}	51.40, 27.89, -27.64
CIE _{LCh}	51, 39.263, 315.252
Yxy	19.6201, 0.2899, 0.2317
Android (android.graphics.Color)	4287851434 (0xFF936BAA)
YUV	126.1420, 21.6220, 18.2925
Hunter-Lab	44.2946, 21.4155, -23.2301

Details

The YIQ color **126.1420, 3.6170, 28.0730** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.8580, -3.6170, -28.0730**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4950, 4.1210, 29.9530**, and **76.4900, 2.5170, 25.9810** is the 20% darker color. If you saturate the color by 10%, you get **114.3690, 4.7160, 35.6920**, and if you desaturate by 10%, it is **137.9150, 2.5180, 20.4540**.

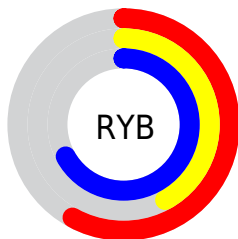
Distribution



Red (58%)

Green (42%)

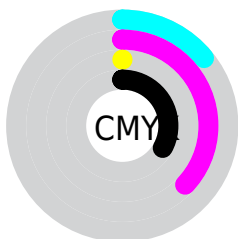
Blue (67%)



Red (58%)

Yellow (42%)

Blue (67%)

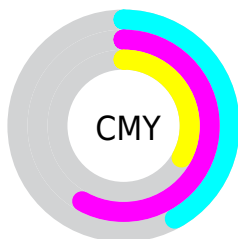


Cyan (14%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1420, 3.6170, 28.0730 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 126.1420, 3.6170, 28.0730 by changing the saturation by 10% instead.

126.1420, 3.6170,
28.0730

126.1420, 3.6170,
28.0730

255.0000, -0.0000,
-0.0000

100.6150, 3.6630,
27.2390

179.4950, 4.1210,
29.9530

76.4900, 2.5170,
25.9810

206.9080, 4.3960,
30.4760

52.6640, 1.9670,
24.9350

230.9330, 11.2750,
21.4430

29.5500, 2.2880,
24.6240

247.9560, 3.3000,
6.2760

13.6160, 1.9220,
20.2420

3.4370, -8.3000,
7.2520

0.0000, 0.0000,

0.0000

■ 126.1420, 3.6170,
28.0730

■ 126.1420, 3.6170,
28.0730

■ 114.3690, 4.7160,
35.6920

■ 137.9150, 2.5180,
20.4540

■ 102.5960, 5.8150,
43.3110

■ 149.6880, 1.4190,
12.8350

■ 90.5240, 6.3180,
50.7180

■ 161.7600, 0.9160,
5.4280

■ 78.7510, 7.4170,
58.3370

■ 173.5330, -0.1830,
-2.1910

■ 66.9780, 8.5160,
65.9560

■ 185.3060, -1.2820,
-9.8100

■ 55.2050, 9.6150,
73.5750

■ 197.0790, -2.3810,
-17.4290

■ 51.6720, 9.7980,
75.7660

■ 208.8520, -3.4800,
-25.0480

■ 220.9240, -3.9830,
-32.4550

■ 229.7620, -3.7070,
-37.4590

Harmonies

Analogous

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



121.0600, -34.6190, 16.1730



126.1420, 3.6170, 28.0730



124.9360, 33.5560, 30.6440

Triad

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



126.1420, 3.6170, 28.0730



120.6470, 43.0540, -9.3460



98.0260, -83.1190, -29.9910

Complementary

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



126.1420, 3.6170, 28.0730



150.8580, -3.6170, -28.0730

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.



102.4300, -52.2620, -33.0460



126.1420, 3.6170, 28.0730



117.9060, 22.7910, -22.0810

Square

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



126.1420, 3.6170, 28.0730



122.3470, 53.3670, 7.5030



113.4060, -8.1560, -28.4120



99.6850, -91.9240, -19.0920

Rectangle

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



126.1420, 3.6170, 28.0730



123.9450, 46.5320, 26.7560



113.4060, -8.1560, -28.4120



96.7720, -79.5880, -33.4120

Sweetspot

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



126.1420, 3.6170, 28.0730



204.6340, 1.5110, 11.1670



127.6830, -26.5480, 7.5640



102.2870, 0.8700, 6.2620



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.



126.1420, 3.6170, 28.0730



153.7100, 5.4940, 43.6220



132.1070, 19.8930, 30.4610



78.4070, 0.4120, 3.5480



44.9780, 8.5160, 65.9560



6.1670, 1.3280, 8.9760

Inverse Universe

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



128.4590, 30.1650, 20.5090



157.4060, 46.8520, 31.9720



144.8930, -19.8930, -30.4610



78.7340, 3.8050, 2.6290



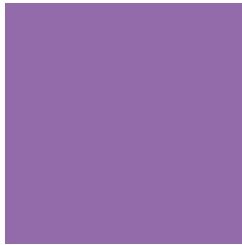
50.4080, 70.8740, 48.1700



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 126.1420, 3.6170, 28.0730 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 126.1420, 3.6170, 28.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

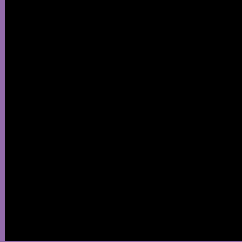
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1420, 3.6170, 28.0730

Background



This preview shows how black text looks on a background with the YIQ color 126.1420, 3.6170, 28.0730.



This preview shows how white text looks on a background with the YIQ color 126.1420, 3.6170,

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

126.1420, 3.6170, 28.0730

Protanopia

122.4580, -29.9880, 14.8440

Deuteranopia

122.6560, -21.9180, 11.7620



Tritanopia

124.2020, 11.4150, 7.8870

Trichromacy



Original Color

126.1420, 3.6170, 28.0730

Protanomaly

123.8510, -17.7930, 19.6070

Deuteranomaly

124.0210, -12.5200, 17.6560

Tritanomaly

125.1620, 8.8920, 15.0680

Monochromacy



Original Color

126.1420, 3.6170, 28.0730

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1420, 3.6170, 28.0730 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(147, 107, 170)` looks like.

```
.text, #text, p{  
    color:rgb(147, 107, 170)  
}
```

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(147, 107, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 107, 170) }
```

Border

The CSS property to change the border of an element to YIQ 126.1420, 3.6170, 28.0730 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(147, 107, 170) }
```


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

```
.border{ border-color:rgb(147, 107, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 107, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 107, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 107, 170);  
box-shadow:4px 4px 4px 4px rgb(147, 107,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1420, 3.6170, 28.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 107, 170) }
```

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

```
.background{ background-color: rgb(147,  
107, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor