

Converting Colors

YIQ(130.5340, 8.3850, 29.7690)

Have a look what the booklet for
YIQ(130.5340, 8.3850, 29.7690)
contains.

YIQ(130.5340, 8.3850, 29.7690)	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(130.5340, 8.3850,
29.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6DAC
RGB	157, 109, 172
RGB Percent	62%, 43%, 67%
CMY	0.3842, 0.5726, 0.3255
CMYK	0.09, 0.37, 0.00, 0.33
HSL	286°, 28%, 55%
HSV	286°, 37%, 67%
XYZ	26.8248, 21.0834, 41.6834
YIQ	130.5340, 8.3850, 29.7690

Conversions

Conversions Part 2

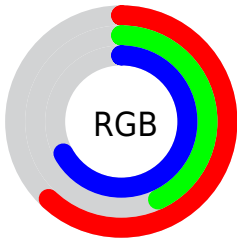
Format	Color
R _Y B	157, 109, 172
Decimal	10317228
CIE _{Lab}	53.04, 30.38, -26.19
CIE _{LCh}	53, 40.110, 319.242
Y _{xy}	21.0834, 0.2994, 0.2353
Android (android.graphics.Color)	4288507308 (0xFF9D6DAC)
Y _{UV}	130.5340, 20.4427, 23.2107
Hunter-Lab	45.9167, 23.9264, -21.6821

Details

The YIQ color **130.5340, 8.3850, 29.7690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.4660, -8.3850, -29.7690**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.8870, 8.8890, 31.6490**, and **79.8820, 7.2850, 27.6770** is the 20% darker color. If you saturate the color by 10%, you get **119.3590, 10.6760, 37.8120**, and if you desaturate by 10%, it is **141.7090, 6.0940, 21.7260**.

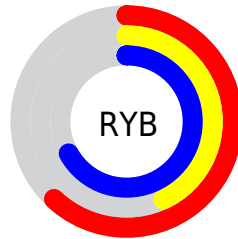
Distribution



Red (62%)

Green (43%)

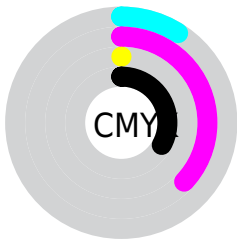
Blue (67%)



Red (62%)

Yellow (43%)

Blue (67%)

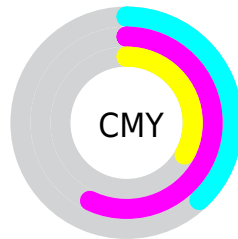


Cyan (9%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (57%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.5340, 8.3850, 29.7690 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 130.5340, 8.3850, 29.7690 by changing the saturation by 10% instead.

130.5340, 8.3850,
29.7690

130.5340, 8.3850,
29.7690

255.0000, -0.0000,
-0.0000

104.7080, 7.8350,
28.7230

183.8870, 8.8890,
31.6490

80.1810, 7.8810,
27.8890

212.0720, 9.8060,
31.5500

56.0560, 6.7350,
26.6310

232.6940, 10.4500,
19.8740

32.1700, 6.4140,
26.9420

249.1300, 2.7500,
5.2300

15.6380, 4.8560,
22.1360

3.5510, -8.6210,
7.5630

0.0000, 0.0000,

0.0000

■ 130.5340, 8.3850,
29.7690

■ 130.5340, 8.3850,
29.7690

■ 119.3590, 10.6760,
37.8120

■ 141.7090, 6.0940,
21.7260

■ 108.1840, 12.9670,
45.8550

■ 152.8840, 3.8030,
13.6830

■ 96.4220, 15.5330,
54.4210

■ 164.6460, 1.2370,
5.1170

■ 85.2470, 17.8240,
62.4640

■ 175.8210, -1.0540,
-2.9260

■ 74.0720, 20.1150,
70.5070

■ 186.9960, -3.3450,
-10.9690

■ 62.8970, 22.4060,
78.5500

■ 198.4700, -5.0400,
-18.8000

■ 58.7770, 22.8640,
81.2640

■ 209.6450, -7.3310,
-26.8430

■ 221.4070, -9.8970,
-35.4090

■ 227.2990, -9.7130,
-38.7450

Harmonies

Analogous

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



126.0930, -30.2180, 19.0140



130.5340, 8.3850, 29.7690



129.2030, 37.1780, 31.0820

Triad

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



130.5340, 8.3850, 29.7690



124.2940, 42.5500, -11.2260



101.4000, -87.1080, -29.2840

Complementary

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



130.5340, 8.3850, 29.7690



150.4660, -8.3850, -29.7690

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.



101.9060, -65.4660, -36.0420



130.5340, 8.3850, 29.7690



121.5850, 19.2610, -24.1870

Square

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



130.5340, 8.3850, 29.7690



126.4780, 54.3760, 5.7360



116.1280, -13.2450, -29.7970



103.0590, -95.9130, -18.3850

Rectangle

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



130.5340, 8.3850, 29.7690



127.9730, 49.3290, 25.6250



116.1280, -13.2450, -29.7970



100.1460, -83.5770, -32.7050

Sweetspot

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



130.5340, 8.3850, 29.7690



208.4170, 3.6200, 11.4920



125.5740, -24.6230, 11.2250



102.8850, 2.0620, 6.6860



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.



130.5340, 8.3850, 29.7690



159.5970, 13.2420, 46.3780



133.1950, 22.4610, 27.9730



81.1190, 1.2830, 4.2830



51.4850, 20.3900, 71.0300



8.0040, 3.3450, 10.9690

Inverse Universe

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



129.5470, 32.7330, 18.0210



157.9240, 51.0250, 27.9290



147.8050, -22.4610, -27.9730



80.9190, 4.7220, 2.5300



48.9540, 77.8440, 42.9960



7.4470, 12.1030, 6.4310

Previews

White Background



This preview shows how the YIQ color 130.5340, 8.3850, 29.7690 looks on a white background.

Color Contrast Check

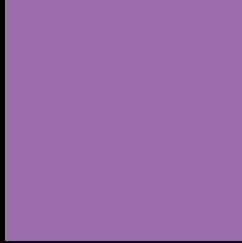
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5340, 8.3850, 29.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

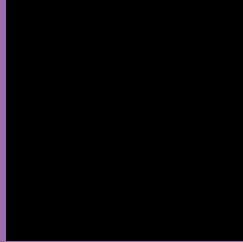
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.5340, 8.3850, 29.7690

Background



This preview shows how black text looks on a background with the YIQ color 130.5340, 8.3850, 29.7690.



This preview shows how white text looks on a background with the YIQ color 130.5340, 8.3850,

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

130.5340, 8.3850, 29.7690

Protanopia

126.4580, -29.9880, 14.8440

Deuteranopia

127.3250, -19.4880, 11.7760



Tritanopia

128.8930, 16.7790, 9.7950

Trichromacy



Original Color

130.5340, 8.3850, 29.7690

Protanomaly

127.7480, -16.0050, 20.2430

Deuteranomaly

128.4020, -9.2190, 18.4050

Tritanomaly

129.5540, 13.6600, 16.7640

Monochromacy



Original Color

130.5340, 8.3850, 29.7690

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.7050, 2.7490, 10.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5340, 8.3850, 29.7690 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(157, 109, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 172)  
}
```

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(157, 109, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 172) }
```

Border

The CSS property to change the border of an element to YIQ 130.5340, 8.3850, 29.7690 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(157, 109, 172) }
```


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

```
.border{ border-color:rgb(157, 109, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 109, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 109, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 109, 172);  
box-shadow:4px 4px 4px 4px rgb(157, 109,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5340, 8.3850, 29.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 172) }
```

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

```
.background{ background-color: rgb(157,  
109, 172) }
```

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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