

Converting Colors

YIQ(130.4230, 12.6510, 18.5310)

Have a look what the booklet for
YIQ(130.4230, 12.6510, 18.5310)
contains.

YIQ(130.4230, 12.6510, 18.5310)	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(130.4230, 12.6510,
18.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7394
RGB	154, 115, 148
RGB Percent	60%, 45%, 58%
CMY	0.3960, 0.5491, 0.4196
CMYK	0.00, 0.25, 0.04, 0.40
HSL	309°, 16%, 53%
HSV	309°, 25%, 60%
XYZ	24.8066, 21.2689, 30.8174
YIQ	130.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

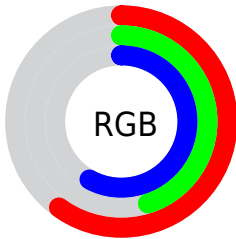
Format	Color
R_{YB}	154, 115, 148
Decimal	10122132
CIE _{Lab}	53.24, 21.07, -11.93
CIE _{LCh}	53, 24.214, 330.484
Yxy	21.2689, 0.3226, 0.2766
Android (android.graphics.Color)	4288312212 (0xFF9A7394)
YUV	130.4230, 8.6655, 20.6770
Hunter-Lab	46.1182, 15.3066, -7.3364

Details

The YIQ color **130.4230, 12.6510, 18.5310** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.5770, -12.6510, -18.5310**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.5480, 13.7970, 19.7890**, and **80.2980, 11.5050, 17.2730** is the 20% darker color. If you saturate the color by 10%, you get **121.3900, 17.4180, 25.7540**, and if you desaturate by 10%, it is **139.4560, 7.8840, 11.3080**.

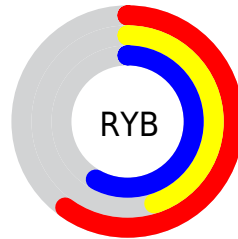
Distribution



Red (60%)

Green (45%)

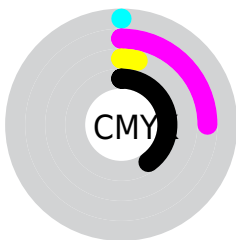
Blue (58%)



Red (60%)

Yellow (45%)

Blue (58%)

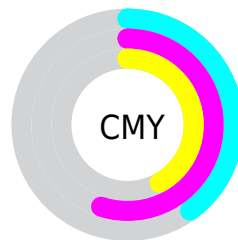


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4230, 12.6510, 18.5310 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 130.4230, 12.6510, 18.5310 by changing the saturation by 10% instead.

■ 130.4230, 12.6510,
18.5310

■ 130.4230, 12.6510,
18.5310

255.0000, -0.0000,
-0.0000

■ 105.0100, 12.3760,
18.0080

■ 183.5480, 13.7970,
19.7890

■ 80.2980, 11.5050,
17.2730

■ 211.5480, 13.7970,
19.7890

■ 57.4720, 10.9550,
16.2270

■ 236.2160, 8.8000,
16.7360

■ 34.8740, 9.7630,
15.8030

■ 252.6520, 1.1000,
2.0920

■ 13.5860, 10.6340,
16.5380

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,

0.0000

130.4230, 12.6510,
18.5310

130.4230, 12.6510,
18.5310

121.3900, 17.4180,
25.7540

139.4560, 7.8840,
11.3080

111.6560, 22.7810,
33.1890

149.1900, 2.5210,
3.8730

102.6230, 27.5480,
40.4120

158.2230, -2.2460,
-3.3500

93.0030, 32.5900,
48.1580

167.9570, -7.6090,
-10.7850

83.8560, 37.6780,
55.0700

176.9900,
-12.3760, -18.0080

74.8230, 42.4450,
62.2930

186.0230,
-17.1430, -25.2310

65.0890, 47.8080,
69.7280

195.7570,
-22.5060, -32.6660

60.8660, 50.0540,
73.0780

204.7900,
-27.2730, -39.8890

214.4100,
-32.3150, -47.6350

Harmonies

Analogous

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



129.3650, -7.7970, 14.6590



130.4230, 12.6510, 18.5310



130.2690, 27.6440, 16.6360

Triad

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



130.4230, 12.6510, 18.5310



125.8110, 22.1010, -9.5710



115.8180, -49.6980, -13.4260

Complementary

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



130.4230, 12.6510, 18.5310



138.5770, -12.6510, -18.5310

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.



117.5990, -36.0800, -17.9360



130.4230, 12.6510, 18.5310



123.4390, 5.4130, -15.5070

Square

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



130.4230, 12.6510, 18.5310



127.8820, 32.5070, 0.0830



120.9080, -15.0810, -18.5450



119.3550, -46.5360, -4.6480

Rectangle

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



130.4230, 12.6510, 18.5310



129.2710, 33.3300, 12.7060



120.9080, -15.0810, -18.5450



116.2050, -46.5340, -15.7020

Sweetspot

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



130.4230, 12.6510, 18.5310



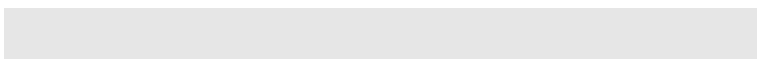
191.3800, 5.0420, 7.7460



121.2400, -8.9430, 13.4010



95.9020, 3.3920, 4.6080



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



130.4230, 12.6510, 18.5310



164.7540, 19.3890, 28.5810



128.2570, 18.7500, 12.6220



72.0760, 2.8420, 3.5620



55.4260, 45.2410, 66.6890



5.1410, 4.2170, 6.1770

Inverse Universe

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



130.4230, 12.6510, 18.5310



164.7540, 19.3890, 28.5810



140.7430, -18.7500, -12.6220



72.0760, 2.8420, 3.5620



55.4260, 45.2410, 66.6890



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 130.4230, 12.6510, 18.5310 looks on a white background.

Color Contrast Check

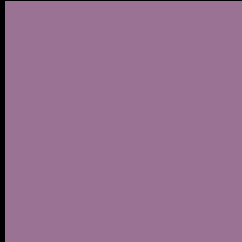
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4230, 12.6510, 18.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

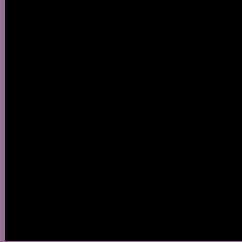
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4230, 12.6510, 18.5310

Background



This preview shows how black text looks on a background with the YIQ color 130.4230, 12.6510, 18.5310.



This preview shows how white text looks on a background with the YIQ color 130.4230, 12.6510,

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

130.4230, 12.6510, 18.5310

Protanopia

127.9250, -12.6100, 8.2700

Deuteranopia

128.6010, -2.8900, 8.3260



Tritanopia

129.5940, 16.1830, 9.5830

Trichromacy



Original Color

130.4230, 12.6510, 18.5310

Protanomaly

128.8230, -3.3950, 11.9730

Deuteranomaly

129.3460, 2.3820, 11.9020

Tritanomaly

130.1040, 14.8070, 12.4950

Monochromacy



Original Color

130.4230, 12.6510, 18.5310

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.5540, 4.4920, 6.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4230, 12.6510, 18.5310 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(154, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 115, 148)  
}
```

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(154, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 115, 148) }
```

Border

The CSS property to change the border of an element to YIQ 130.4230, 12.6510, 18.5310 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(154, 115, 148) }
```


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

```
.border{ border-color:rgb(154, 115, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 115, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 115,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4230, 12.6510, 18.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 115, 148) }
```

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

```
.background{ background-color: rgb(154,  
115, 148) }
```

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