

Converting Colors

YIQ(130.5370, 12.3300, 18.8420)

Have a look what the booklet for
YIQ(130.5370, 12.3300, 18.8420)
contains.

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Color

**YIQ(130.5370, 12.3300,
18.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7395
RGB	154, 115, 149
RGB Percent	60%, 45%, 58%
CMY	0.3960, 0.5491, 0.4157
CMYK	0.00, 0.25, 0.03, 0.40
HSL	308°, 16%, 53%
HSV	308°, 25%, 60%
XYZ	24.8861, 21.3007, 31.2360
YIQ	130.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

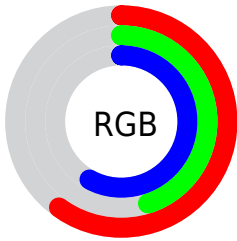
Format	Color
R_YB	154, 115, 149
Decimal	10122133
CIE _{Lab}	53.28, 21.26, -12.46
CIE _{LCh}	53, 24.647, 329.627
Yxy	21.3007, 0.3214, 0.2751
Android (android.graphics.Color)	4288312213 (0xFF9A7395)
YUV	130.5370, 9.1023, 20.5771
Hunter-Lab	46.1527, 15.4821, -7.8204

Details

The YIQ color $130.5370, 12.3300, 18.8420$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $138.4630, -12.3300, -18.8420$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.6620, 13.4760, 20.1000$, and $80.4120, 11.1840, 17.5840$ is the 20% darker color. If you saturate the color by 10%, you get $121.5040, 17.0970, 26.0650$, and if you desaturate by 10%, it is $139.5700, 7.5630, 11.6190$.

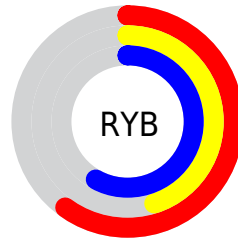
Distribution



Red (60%)

Green (45%)

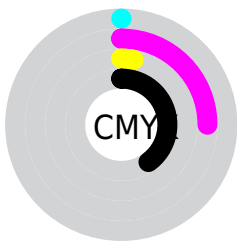
Blue (58%)



Red (60%)

Yellow (45%)

Blue (58%)

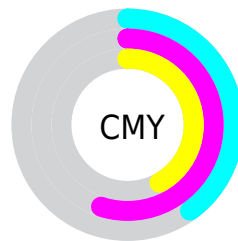


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.5370, 12.3300, 18.8420 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 130.5370, 12.3300, 18.8420 by changing the saturation by 10% instead.

■ 130.5370, 12.3300,
18.8420

■ 130.5370, 12.3300,
18.8420

■ 255.0000, -0.0000,
-0.0000

■ 105.1240, 12.0550,
18.3190

■ 183.6620, 13.4760,
20.1000

■ 80.4120, 11.1840,
17.5840

■ 211.6620, 13.4760,
20.1000

■ 57.5860, 10.6340,
16.5380

■ 236.2160, 8.8000,
16.7360

■ 34.9880, 9.4420,
16.1140

■ 252.6520, 1.1000,
2.0920

■ 13.7000, 10.3130,
16.8490

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,

0.0000

■ 130.5370, 12.3300,
18.8420

■ 130.5370, 12.3300,
18.8420

■ 121.5040, 17.0970,
26.0650

■ 139.5700, 7.5630,
11.6190

■ 111.8840, 22.1390,
33.8110

■ 149.1900, 2.5210,
3.8730

■ 102.8510, 26.9060,
41.0340

■ 158.2230, -2.2460,
-3.3500

■ 93.2310, 31.9480,
48.7800

■ 167.8430, -7.2880,
-11.0960

■ 84.1980, 36.7150,
56.0030

■ 176.8760,
-12.0550, -18.3190

■ 75.1650, 41.4820,
63.2260

■ 185.9090,
-16.8220, -25.5420

65.5450, 46.5240,
70.9720

195.5290,
-21.8640, -33.2880

61.3220, 48.7700,
74.3220

204.5620,
-26.6310, -40.5110

214.1820,
-31.6730, -48.2570

Harmonies

Analogous

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



129.1800, -8.7140, 14.7580



130.5370, 12.3300, 18.8420



129.6820, 27.9190, 17.1590

Triad

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



130.5370, 12.3300, 18.8420



126.1100, 22.6970, -9.3590



115.1060, -50.5690, -14.1610

Complementary

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



130.5370, 12.3300, 18.8420



138.4630, -12.3300, -18.8420

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.



117.4850, -35.7590, -18.2470



130.5370, 12.3300, 18.8420



123.6240, 6.3300, -15.6060

Square

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



130.5370, 12.3300, 18.8420



128.0670, 33.4240, -0.0160



120.7940, -14.7600, -18.8560



118.7570, -47.7280, -5.0720

Rectangle

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



130.5370, 12.3300, 18.8420



129.5700, 33.9260, 12.9180



120.7940, -14.7600, -18.8560



115.6070, -47.7260, -16.1260

Sweetspot

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



130.5370, 12.3300, 18.8420



191.3800, 5.0420, 7.7460



120.9410, -9.5390, 13.1890



96.0160, 3.0710, 4.9190



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.



130.5370, 12.3300, 18.8420



164.9820, 18.7470, 29.2030



128.3710, 18.4290, 12.9330



72.1900, 2.5210, 3.8730



55.7680, 44.2780, 67.6220



5.1410, 4.2170, 6.1770

Inverse Universe

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



130.5370, 12.3300, 18.8420



164.9820, 18.7470, 29.2030



140.6290, -18.4290, -12.9330



72.1900, 2.5210, 3.8730



55.7680, 44.2780, 67.6220



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 130.5370, 12.3300, 18.8420 looks on a white background.

Color Contrast Check

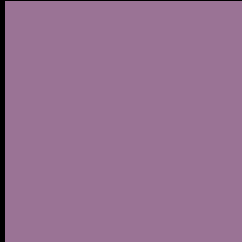
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5370, 12.3300, 18.8420 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 130.5370, 12.3300, 18.8420

Background



This preview shows how black text looks on a background with the YIQ color 130.5370, 12.3300, 18.8420.



This preview shows how white text looks on a background with the YIQ color 130.5370, 12.3300,

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

130.5370, 12.3300, 18.8420

Protanopia

128.0390, -12.9310, 8.5810

Deuteranopia

128.4160, -3.8070, 8.4250



Tritanopia

129.5940, 16.1830, 9.5830

Trichromacy



Original Color

130.5370, 12.3300, 18.8420

Protanomaly

128.9370, -3.7160, 12.2840

Deuteranomaly

129.4600, 2.0610, 12.2130

Tritanomaly

130.2180, 14.4860, 12.8060

Monochromacy



Original Color

130.5370, 12.3300, 18.8420

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6680, 4.1710, 7.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5370, 12.3300, 18.8420 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 115, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 115, 149) }
```

Border

The CSS property to change the border of an element to YIQ 130.5370, 12.3300, 18.8420 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, 149) }
```


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

```
.border{ border-color:rgb(154, 115, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 115, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 115, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 115,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5370, 12.3300, 18.8420 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, 149) }
```

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

```
.background{ background-color: rgb(154,  
115, 149) }
```

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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