

Converting Colors

YIQ(125.4730, 10.3550, 38.1230)

Have a look what the booklet for
YIQ(125.4730, 10.3550, 38.1230)
contains.

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Color

**YIQ(125.4730, 10.3550,
38.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	9F62B3
RGB	159, 98, 179
RGB Percent	62%, 38%, 70%
CMY	0.3763, 0.6158, 0.2981
CMYK	0.11, 0.45, 0.00, 0.30
HSL	285°, 35%, 54%
HSV	285°, 45%, 70%
XYZ	26.8094, 19.3611, 44.9690
YIQ	125.4730, 10.3550, 38.1230

Conversions

Conversions Part 2

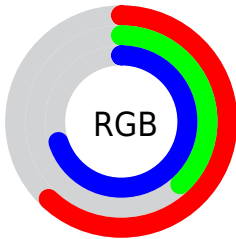
Format	Color
R_{YB}	159, 98, 179
Decimal	10445491
CIE _{Lab}	51.11, 38.65, -33.24
CIE _{LCh}	51, 50.980, 319.307
Yxy	19.3611, 0.2942, 0.2124
Android (android.graphics.Color)	4288635571 (0xFF9F62B3)
YUV	125.4730, 26.3888, 29.4032
Hunter-Lab	44.0012, 31.7556, -29.7931

Details

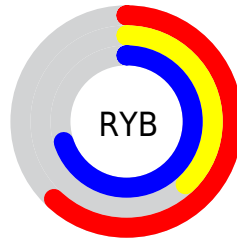
The YIQ color **125.4730, 10.3550, 38.1230** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **151.5270, -10.3550, -38.1230**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1250, 11.4550, 40.2150**, and **74.2340, 9.5300, 36.5540** is the 20% darker color. If you saturate the color by 10%, you get **113.7110, 12.9210, 46.6890**, and if you desaturate by 10%, it is **137.2350, 7.7890, 29.5570**.

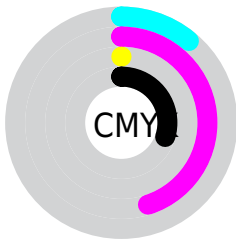
Distribution



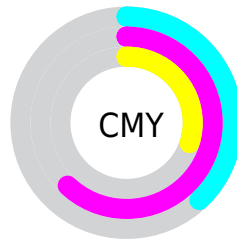
- Red (62%)
- Green (38%)
- Blue (70%)



- Red (62%)
- Yellow (38%)
- Blue (70%)



- Cyan (11%)
- Magenta (45%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (62%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4730, 10.3550, 38.1230 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 125.4730, 10.3550, 38.1230 by changing the saturation by 10% instead.

125.4730, 10.3550,
38.1230

125.4730, 10.3550,
38.1230

255.0000, -0.0000,
-0.0000

99.6470, 9.8050,
37.0770

179.1250, 11.4550,
40.2150

74.2340, 9.5300,
36.5540

205.9250, 14.8940,
38.4620

49.5220, 8.6590,
35.8190

225.6500, 13.7500,
26.1500

25.1090, 8.3840,
35.2960

242.6730, 5.7750,
10.9830

16.2080, 3.2510,
23.6910

4.7080, -10.5010,
8.5950

0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

125.4730, 10.3550,
38.1230

125.4730, 10.3550,
38.1230

113.7110, 12.9210,
46.6890

137.2350, 7.7890,
29.5570

101.6500, 14.8910,
55.0430

149.2960, 5.8190,
21.2030

89.8880, 17.4570,
63.6090

161.0580, 3.2530,
12.6370

77.8270, 19.4270,
71.9630

173.1190, 1.2830,
4.2830

66.0650, 21.9930,
80.5290

184.2940, -1.0080,
-3.7600

■ 60.7710, 23.0010,
84.2890

■ 196.0560, -3.5740,
-12.3260

■ 208.1170, -5.5440,
-20.6800

■ 219.8790, -8.1100,
-29.2460

■ 229.5920, -8.9800,
-35.5080

Harmonies

Analogous

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



120.0410, -41.6350, 22.1810



125.4730, 10.3550, 38.1230



122.2740, 47.5840, 40.7360

Triad

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



125.4730, 10.3550, 38.1230



117.4660, 53.5090, -17.1070



100.9270, -87.1540, -28.4500

Complementary

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



125.4730, 10.3550, 38.1230



151.5270, -10.3550, -38.1230

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.



95.2100, -72.4340, -41.9220



125.4730, 10.3550, 38.1230



113.6530, 24.5810, -32.4990

Square

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



125.4730, 10.3550, 38.1230



119.3500, 66.4800, 6.6400



106.9220, -18.8370, -38.5890



103.4980, -98.5270, -15.0630

Rectangle

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



125.4730, 10.3550, 38.1230



120.1860, 62.2110, 34.4590



106.9220, -18.8370, -38.5890



99.2170, -82.3390, -33.1150

Sweetspot

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



125.4730, 10.3550, 38.1230



210.8240, 4.0320, 15.0400



118.9740, -31.5010, 14.7310



103.7650, 2.5200, 9.4000



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



125.4730, 10.3550, 38.1230



149.3560, 15.8990, 58.8030



129.1730, 28.6950, 36.1430



83.1190, 1.2830, 4.2830



51.8270, 19.4270, 71.9630



8.6450, 2.9780, 12.1140

Inverse Universe

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



124.4990, 41.8560, 23.3920



147.9090, 64.5490, 36.1410



147.8270, -28.6950, -36.1430



83.0330, 4.4010, 2.8410



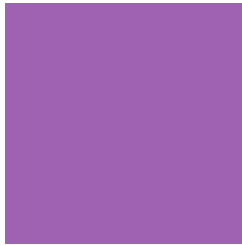
50.0790, 78.9900, 44.2540



8.4580, 13.5700, 7.3780

Previews

White Background



This preview shows how the YIQ color 125.4730, 10.3550, 38.1230 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 125.4730, 10.3550, 38.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

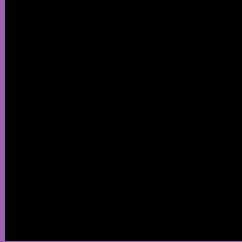
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.4730, 10.3550, 38.1230

Background



This preview shows how black text looks on a background with the YIQ color 125.4730, 10.3550, 38.1230.



This preview shows how white text looks on a background with the YIQ color 125.4730, 10.3550,

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

125.4730, 10.3550, 38.1230

Protanopia

120.4060, -41.4050, 18.0110

Deuteranopia

121.4750, -28.6580, 12.7660



Tritanopia

123.6870, 20.3550, 11.0670

Trichromacy



Original Color

125.4730, 10.3550, 38.1230

Protanomaly

122.0880, -22.6540, 25.1060

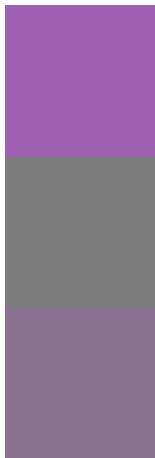
Deuteranomaly

123.1720, -14.2630, 21.7130

Tritanomaly

124.0430, 16.7770, 20.8490

Monochromacy



Original Color

125.4730, 10.3550, 38.1230

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9980, 3.4820, 13.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4730, 10.3550, 38.1230 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(159, 98, 179)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 179)  
}
```

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(159, 98, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 179) }
```

Border

The CSS property to change the border of an element to YIQ 125.4730, 10.3550, 38.1230 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(159, 98, 179) }
```


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

```
.border{ border-color:rgb(159, 98, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 98, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 98, 179);  
box-shadow:4px 4px 4px 4px rgb(159, 98,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4730, 10.3550, 38.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 179) }
```

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

```
.background{ background-color: rgb(159, 98,  
179) }
```

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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