

Converting Colors

YIQ(128.9180, 7.6040, 38.4200)

Have a look what the booklet for
YIQ(128.9180, 7.6040, 38.4200)
contains.

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Color

**YIQ(128.9180, 7.6040,
38.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	A066BA
RGB	160, 102, 186
RGB Percent	63%, 40%, 73%
CMY	0.3724, 0.6001, 0.2706
CMYK	0.14, 0.45, 0.00, 0.27
HSL	281°, 38%, 56%
HSV	281°, 45%, 73%
XYZ	28.1179, 20.5214, 48.9285
YIQ	128.9180, 7.6040, 38.4200

Conversions

Conversions Part 2

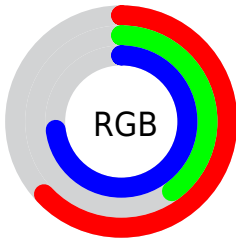
Format	Color
RYB	160, 102, 186
Decimal	10512058
CIELab	52.42, 38.24, -35.22
CIELCh	52, 51.988, 317.351
Yxy	20.5214, 0.2882, 0.2103
Android (android.graphics.Color)	4288702138 (0xFFA066BA)
YUV	128.9180, 28.1414, 27.2589
Hunter-Lab	45.3005, 31.5185, -32.3279

Details

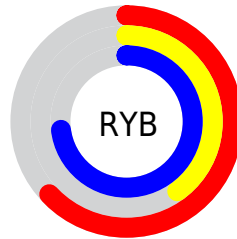
The YIQ color $128.9180, 7.6040, 38.4200$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $159.0820, -7.6040, -38.4200$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.5700, 8.7040, 40.5120$, and $77.5650, 7.1000, 36.5400$ is the 20% darker color. If you saturate the color by 10%, you get $115.9710, 9.2530, 47.0850$, and if you desaturate by 10%, it is $141.8650, 5.9550, 29.7550$.

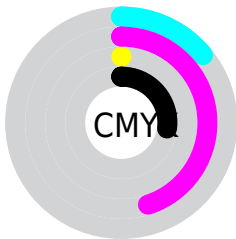
Distribution



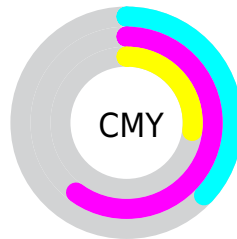
- Red (63%)
- Green (40%)
- Blue (73%)



- Red (63%)
- Yellow (40%)
- Blue (73%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)





- Cyan (37%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9180, 7.6040, 38.4200 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 128.9180, 7.6040, 38.4200 by changing the saturation by 10% instead.

 128.9180, 7.6040,
38.4200


 128.9180, 7.6040,
38.4200

255.0000, -0.0000,
-0.0000


 103.0920, 7.0540,
37.3740


 182.5700, 8.7040,
40.5120


 77.5650, 7.1000,
36.5400

 209.1590, 14.1150,
36.0590


 52.8530, 6.2290,
35.8050

 228.5850, 12.3750,
23.5350

 26.6790, 6.7790,
36.8510

 245.0210, 4.6750,
8.8910

 16.8920, 1.3250,
25.5570

 4.1040, -11.5560,
11.1960

 1.3680, -3.8520,

3.7320

0.0000, 0.0000,
0.0000

128.9180, 7.6040,
38.4200

128.9180, 7.6040,
38.4200

115.9710, 9.2530,
47.0850

141.8650, 5.9550,
29.7550

103.9100, 11.2230,
55.4390

154.2250, 4.5810,
21.6130

90.9630, 12.8720,
64.1040

166.8730, 2.3360,
12.7360

78.6030, 14.2460,
72.2460

179.2330, 0.9620,
4.5940

65.6560, 15.8950,
80.9110

192.1800, -0.6870,
-4.0710

■ 59.7750, 17.1780,
85.1940

■ 205.1270, -2.3360,
-12.7360

■ 217.1880, -4.3060,
-21.0900

■ 230.1350, -5.9550,
-29.7550

■ 234.2770, -3.4790,
-30.5750

Harmonies

Analogous

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



121.9910, -47.3660, 21.4180



128.9180, 7.6040, 38.4200



126.0290, 46.8960, 42.1920

Triad

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



128.9180, 7.6040, 38.4200



120.6620, 55.8930, -16.2590



103.3890, -88.5750, -30.2310

Complementary

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



128.9180, 7.6040, 38.4200



159.0820, -7.6040, -38.4200

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.



96.9710, -73.2590, -43.4910



128.9180, 7.6040, 38.4200



117.3930, 28.2490, -32.8950

Square

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



128.9180, 7.6040, 38.4200



122.4860, 69.0930, 8.8450



110.3630, -15.7650, -39.1970



106.1880, -100.5900, -16.2220

Rectangle

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



128.9180, 7.6040, 38.4200



123.5390, 62.7150, 36.3390



110.3630, -15.7650, -39.1970



101.6790, -83.7600, -34.8960

Sweetspot

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



128.9180, 7.6040, 38.4200



219.0520, 3.3900, 15.6620



127.4250, -34.3890, 12.0030



108.4660, 1.9240, 9.1880



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



128.9180, 7.6040, 38.4200



153.1430, 12.1850, 60.0330



134.9820, 27.9150, 39.2670



85.8200, 0.6870, 4.0710



50.0760, 14.2920, 71.4120



8.8730, 2.3360, 12.7360

Inverse Universe

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



130.0800, 41.7180, 25.8940



154.8430, 64.9150, 40.5230



153.0180, -27.9150, -39.2670



85.9190, 4.7220, 2.5300



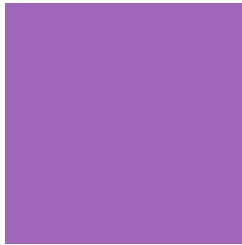
52.1160, 77.5680, 48.0000



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 128.9180, 7.6040, 38.4200 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 128.9180, 7.6040, 38.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

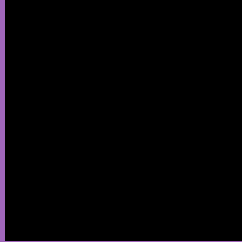
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.9180, 7.6040, 38.4200

Background



This preview shows how black text looks on a background with the YIQ color 128.9180, 7.6040, 38.4200.



This preview shows how white text looks on a background with the YIQ color 128.9180, 7.6040,

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

128.9180, 7.6040, 38.4200

Protanopia

123.2640, -43.8810, 18.8310

Deuteranopia

124.3330, -31.1340, 13.5860



Tritanopia

127.4910, 17.9710, 10.2190

Trichromacy



Original Color

128.9180, 7.6040, 38.4200

Protanomaly

124.9460, -25.1300, 25.9260

Deuteranomaly

126.0300, -16.7390, 22.5330

Tritanomaly

127.9610, 14.0720, 20.3120

Monochromacy



Original Color

128.9180, 7.6040, 38.4200

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8130, 2.5650, 14.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9180, 7.6040, 38.4200 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(160, 102, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 102, 186)  
}
```

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(160, 102, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 102, 186) }
```

Border

The CSS property to change the border of an element to YIQ 128.9180, 7.6040, 38.4200 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(160, 102, 186) }
```


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

```
.border{ border-color:rgb(160, 102, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 102, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 102, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 102, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 102,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9180, 7.6040, 38.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 102, 186) }
```

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

```
.background{ background-color: rgb(160,  
102, 186) }
```

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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