

Converting Colors

YIQ(172.4730, 9.2140, 9.2300)

Have a look what the booklet for
YIQ(172.4730, 9.2140, 9.2300)
contains.

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Color

**YIQ(172.4730, 9.2140,
9.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA4B2
RGB	187, 164, 178
RGB Percent	73%, 64%, 70%
CMY	0.2666, 0.3569, 0.3019
CMYK	0.00, 0.12, 0.05, 0.27
HSL	323°, 14%, 69%
HSV	323°, 12%, 73%
XYZ	41.8078, 40.3289, 47.7037
YIQ	172.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

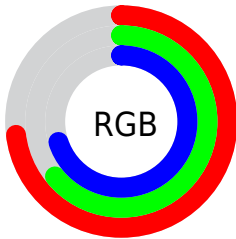
Format	Color
R _Y B	187, 164, 178
Decimal	12297394
CIE Lab	69.70, 10.85, -4.14
CIE LCh	70, 11.608, 339.122
Yxy	40.3289, 0.3220, 0.3106
Android (android.graphics.Color)	4290487474 (0xFFBBA4B2)
YUV	172.4730, 2.7248, 12.7402
Hunter-Lab	63.5051, 6.3794, -0.0839

Details

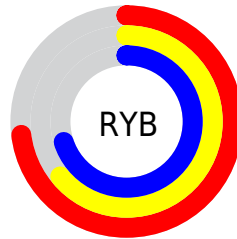
The YIQ color $172.4730, 9.2140, 9.2300$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $178.5270, -9.2140, -9.2300$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.8860, 9.4890, 9.7530$, and $120.0600, 8.9390, 8.7070$ is the 20% darker color. If you saturate the color by 10%, you get $160.5220, 16.6860, 16.9900$, and if you desaturate by 10%, it is $184.4240, 1.7420, 1.4700$.

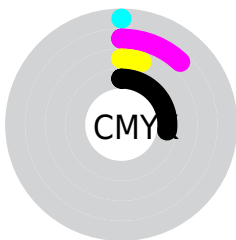
Distribution



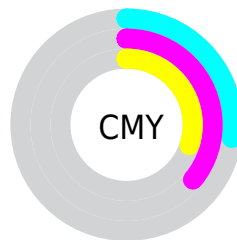
- Red (73%)
- Green (64%)
- Blue (70%)



- Red (73%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (36%)
- Yellow (30%)
- Black (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4730, 9.2140, 9.2300 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 172.4730, 9.2140, 9.2300 by changing the saturation by 10% instead.

■ 172.4730, 9.2140,
9.2300

■ 172.4730, 9.2140,
9.2300

■ 255.0000, -0.0000,
-0.0000

■ 146.0600, 8.9390,
8.7070

■ 227.8860, 9.4890,
9.7530

■ 120.0600, 8.9390,
8.7070

■ 250.3040, 2.2000,
4.1840

■ 95.3480, 8.0680,
7.9720

■ 71.4620, 7.7470,
8.2830

■ 49.0490, 7.4720,
7.7600

■ 28.3370, 6.6010,
7.0250

■ 6.7070, 8.4350,

6.8270

0.0000, 0.0000,
0.0000

172.4730, 9.2140,
9.2300

172.4730, 9.2140,
9.2300

160.5220, 16.6860,
16.9900

184.4240, 1.7420,
1.4700

149.0440, 24.2040,
23.9160

195.9020, -5.7760,
-5.4560

137.0930, 31.6760,
31.6760

207.8530,
-13.2480, -13.2160

125.1420, 39.1480,
39.4360

219.8040,
-20.7200, -20.9760

113.0770, 46.9410,
46.8850

230.1080,
-27.6880, -26.8560

■ 101.7130, 54.1380,
54.1220

■ 230.9060,
-29.9350, -24.6790

■ 89.7620, 61.6100,
61.8820

■ 231.7040,
-32.1820, -22.5020

■ 77.6970, 69.4030,
69.3310

■ 232.6160,
-34.7500, -20.0140

■ 68.9090, 74.8580,
75.0980

■ 233.4140,
-36.9970, -17.8370

Harmonies

Analogous

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



171.9710, -1.0560, 8.1280



172.4730, 9.2140, 9.2300



172.4260, 16.5960, 7.6040

Triad

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



172.4730, 9.2140, 9.2300



170.1010, 9.7210, -5.4710



167.2300, -21.3190, -4.6070

Complementary

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



172.4730, 9.2140, 9.2300



178.5270, -9.2140, -9.2300

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.



166.9760, -17.7880, -8.0280



172.4730, 9.2140, 9.2300



168.4310, -0.1360, -8.5520

Square

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



172.4730, 9.2140, 9.2300



170.8570, 16.4600, -0.9480



167.2280, -9.8100, -9.4420



168.3600, -18.5690, 0.6230

Rectangle

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



172.4730, 9.2140, 9.2300



172.2150, 18.5680, 4.9040



167.2280, -9.8100, -9.4420



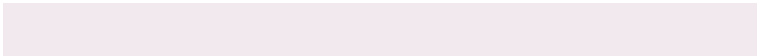
166.8880, -20.3560, -5.5400

Sweetspot

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



172.4730, 9.2140, 9.2300



236.2610, 3.7590, 3.4630



169.3130, -2.0190, 9.0610



118.2500, 2.2920, 2.5160



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.



172.4730, 9.2140, 9.2300



219.2720, 14.3940, 14.4740



171.2190, 12.7450, 5.8090



88.3750, 3.4380, 3.7740



58.1860, 63.3520, 63.3520



11.4350, 12.3770, 12.4810

Inverse Universe

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



172.4730, 9.2140, 9.2300



219.2720, 14.3940, 14.4740



179.7810, -12.7450, -5.8090



88.3750, 3.4380, 3.7740



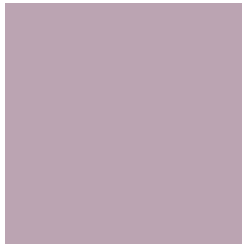
58.1860, 63.3520, 63.3520



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 172.4730, 9.2140, 9.2300 looks on a white background.

Color Contrast Check

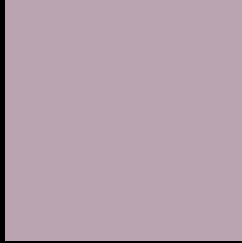
Large Text (above 18pt) WCAG AA × Fail

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 172.4730, 9.2140, 9.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

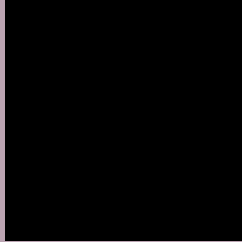
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.4730, 9.2140, 9.2300

Background



This preview shows how black text looks on a background with the YIQ color 172.4730, 9.2140, 9.2300.



This preview shows how white text looks on a background with the YIQ color 172.4730, 9.2140,

9.2300.

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

172.4730, 9.2140, 9.2300

Protanopia

170.6670, -3.2560, 3.9440

Deuteranopia

172.1630, 7.1510, 8.0710



Tritanopia

172.3590, 9.5350, 8.9190

Trichromacy



Original Color

172.4730, 9.2140, 9.2300

Protanomaly

171.1730, 1.1910, 5.9510

Deuteranomaly

172.4620, 7.7470, 8.2830

Tritanomaly

172.3590, 9.5350, 8.9190

Monochromacy



Original Color

172.4730, 9.2140, 9.2300

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4730, 9.2140, 9.2300 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(187, 164, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 178)  
}
```

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(187, 164, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 178) }
```

Border

The CSS property to change the border of an element to YIQ 172.4730, 9.2140, 9.2300 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(187, 164, 178) }
```


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

```
.border{ border-color:rgb(187, 164, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(187, 164,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4730, 9.2140, 9.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 178) }
```

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

```
.background{ background-color: rgb(187,  
164, 178) }
```

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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