

Converting Colors

YIQ(132.7470, 2.9310, 18.4750)

Have a look what the booklet for
YIQ(132.7470, 2.9310, 18.4750)
contains.

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Color

**YIQ(132.7470, 2.9310,
18.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	9378A1
RGB	147, 120, 161
RGB Percent	58%, 47%, 63%
CMY	0.4234, 0.5294, 0.3686
CMYK	0.09, 0.25, 0.00, 0.37
HSL	280°, 18%, 55%
HSV	280°, 25%, 63%
XYZ	25.1844, 22.2084, 36.6751
YIQ	132.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

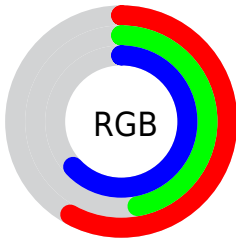
Format	Color
R_{YB}	147, 120, 161
Decimal	9664673
CIE _{Lab}	54.25, 18.35, -18.04
CIE _{LCh}	54, 25.735, 315.496
Yxy	22.2084, 0.2996, 0.2642
Android (android.graphics.Color)	4287854753 (0xFF9378A1)
YUV	132.7470, 13.9287, 12.4999
Hunter-Lab	47.1258, 12.9217, -13.1537

Details

The YIQ color **132.7470, 2.9310, 18.4750** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **148.2530, -2.9310, -18.4750**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6870, 3.1600, 19.8320**, and **82.8070, 2.7020, 17.1180** is the 20% darker color. If you saturate the color by 10%, you get **121.8600, 4.3510, 25.7830**, and if you desaturate by 10%, it is **143.9330, 2.1070, 11.3790**.

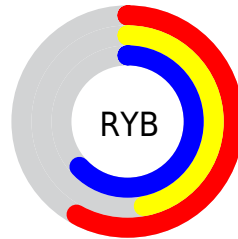
Distribution



Red (58%)

Green (47%)

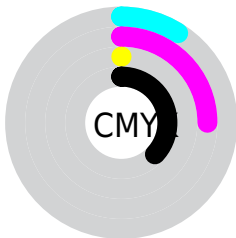
Blue (63%)



Red (58%)

Yellow (47%)

Blue (63%)

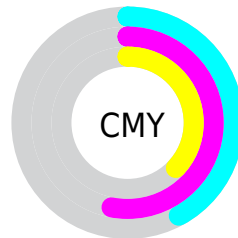


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7470, 2.9310, 18.4750 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 132.7470, 2.9310, 18.4750 by changing the saturation by 10% instead.

■ 132.7470, 2.9310,
18.4750

■ 132.7470, 2.9310,
18.4750

255.0000, -0.0000,
-0.0000

■ 107.3340, 2.6560,
17.9520

■ 185.6870, 3.1600,
19.8320

■ 82.8070, 2.7020,
17.1180

■ 213.9860, 3.7560,
20.0440

■ 59.3940, 2.4270,
16.5950

■ 239.1510, 7.4250,
14.1210

■ 37.5680, 1.8770,
15.5490

■ 14.6930, 3.0230,
16.8070

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,

0.0000

■ 132.7470, 2.9310,
18.4750

■ 132.7470, 2.9310,
18.4750

■ 121.8600, 4.3510,
25.7830

■ 143.9330, 2.1070,
11.3790

■ 110.6740, 5.1750,
32.8790

■ 154.8200, 0.6870,
4.0710

■ 99.7870, 6.5950,
40.1870

■ 165.7070, -0.7330,
-3.2370

■ 88.6010, 7.4190,
47.2830

■ 176.8930, -1.5570,
-10.3330

■ 77.1270, 9.1140,
55.1140

■ 187.7800, -2.9770,
-17.6410

■ 65.9410, 9.9380,
62.2100

■ 199.5530, -4.0760,
-25.2600

■ 55.0540, 11.3580,
69.5180

■ 210.4400, -5.4960,
-32.5680

■ 50.0480, 11.4950,
72.5430

■ 221.6260, -6.3200,
-39.6640

■ 226.6430, -4.9900,
-41.7420

Harmonies

Analogous

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



129.7270, -20.6800, 11.3520



132.7470, 2.9310, 18.4750



132.9250, 22.9210, 19.6330

Triad

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



132.7470, 2.9310, 18.4750



129.6380, 30.0780, -5.4580



117.3680, -48.5510, -17.6950

Complementary

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



132.7470, 2.9310, 18.4750



148.2530, -2.9310, -18.4750

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.



120.7370, -27.7810, -19.6610



132.7470, 2.9310, 18.4750



127.1690, 15.0410, -13.7830

Square

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



132.7470, 2.9310, 18.4750



130.4960, 36.7700, 5.4260



124.4700, -5.0400, -18.8000



118.1750, -55.0170, -10.6410

Rectangle

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



132.7470, 2.9310, 18.4750



132.4220, 31.5870, 16.7630



124.4700, -5.0400, -18.8000



118.2500, -42.4070, -18.9110

Sweetspot

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



132.7470, 2.9310, 18.4750



197.2270, 1.0990, 7.6190



132.8920, -17.0110, 5.4290



97.3470, 0.6410, 4.9050



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



132.7470, 2.9310, 18.4750



164.2670, 4.7630, 29.3310



136.2490, 13.2010, 19.5770



75.8200, 0.6870, 4.0710



45.2340, 10.6710, 65.4470



5.6400, 1.3740, 8.1420

Inverse Universe

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



133.8550, 19.9420, 13.0460



165.9430, 31.6780, 20.6220



144.7510, -13.2010, -19.5770



76.0330, 4.4010, 2.8410



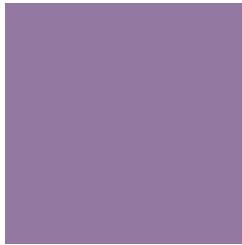
49.0550, 70.3700, 46.2900



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 132.7470, 2.9310, 18.4750 looks on a white background.

Color Contrast Check

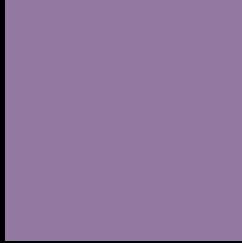
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7470, 2.9310, 18.4750 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 132.7470, 2.9310, 18.4750

Background



This preview shows how black text looks on a background with the YIQ color 132.7470, 2.9310, 18.4750.



This preview shows how white text looks on a background with the YIQ color 132.7470, 2.9310,

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

132.7470, 2.9310, 18.4750

Protanopia

130.0540, -17.2870, 10.4330

Deuteranopia

130.7620, -10.5930, 10.2630



Tritanopia

131.5220, 7.5180, 6.9260

Trichromacy



Original Color

132.7470, 2.9310, 18.4750

Protanomaly

131.0550, -9.8600, 13.5000

Deuteranomaly

131.0940, -5.5960, 13.3160

Tritanomaly

131.6730, 5.7750, 10.9830

Monochromacy



Original Color

132.7470, 2.9310, 18.4750

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7000, 1.1450, 6.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7470, 2.9310, 18.4750 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(147, 120, 161)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 161)  
}
```

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(147, 120, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 161) }
```

Border

The CSS property to change the border of an element to YIQ 132.7470, 2.9310, 18.4750 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(147, 120, 161) }
```


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

```
.border{ border-color:rgb(147, 120, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 120, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 161);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7470, 2.9310, 18.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 161) }
```

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

```
.background{ background-color: rgb(147,  
120, 161) }
```

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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