

Converting Colors

XYZ(14.1666, 10.2573, 18.8436)

Have a look what the booklet for
XYZ(14.1666, 10.2573, 18.8436)
contains.

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Color

**XYZ(14.1872, 10.2740,
18.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4777
RGB	126, 71, 119
RGB Percent	49%, 28%, 47%
CMY	0.5059, 0.7216, 0.5333
CMYK	0.00, 0.44, 0.06, 0.51
HSL	308°, 28%, 39%
HSV	308°, 44%, 49%
XYZ	14.1872, 10.2740, 18.6881
YIQ	92.9170, 17.3720, 26.5880

Conversions

Conversions Part 2

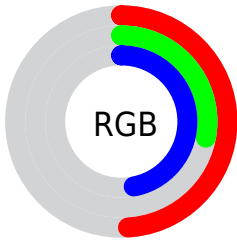
Format	Color
R_{YB}	126, 71, 119
Decimal	8275831
CIE _{Lab}	38.33, 31.05, -17.48
CIE _{LCh}	38, 35.630, 330.629
Yxy	10.2740, 0.3288, 0.2381
Android (android.graphics.Color)	4286465911 (0xFF7E4777)
YUV	92.9170, 12.8589, 29.0138
Hunter-Lab	32.0531, 22.9140, -12.1310

Details

The XYZ color **14.1872, 10.2740, 18.6881** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.4350, 16.8117, 9.8507**, and the grayscale version is **10.3536, 10.8928, 11.8622**.

A 20% lighter version of the original color is **33.0104, 26.3183, 41.8682**, and **4.3338, 2.5913, 6.0661** is the 20% darker color. If you saturate the color by 10%, you get **13.3720, 8.7963, 17.9452**, and if you desaturate by 10%, it is **15.1709, 12.0857, 19.4954**.

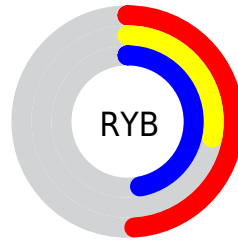
Distribution



Red (49%)

Green (28%)

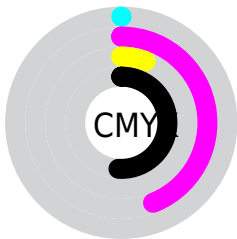
Blue (47%)



Red (49%)

Yellow (28%)

Blue (47%)

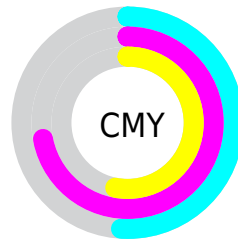


Cyan (0%)

Magenta (44%)

Yellow (6%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1872, 10.2740, 18.6881 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 XYZ color 14.1872, 10.2740, 18.6881 by changing the saturation by 10% instead.

14.1872, 10.2740,
18.6881

14.1872, 10.2740,
18.6881

211.8797,
192.6166, 257.0865

8.3336, 5.5810,
11.2706

33.0043, 26.3096,
42.0360

4.3627, 2.5920,
6.1327

46.6985, 38.4210,
58.8036

1.9093, 0.9227,
2.8558

63.7369, 53.7740,
79.5249

0.5822, 0.0000,
1.0215

84.4849, 72.7530,
104.6184

0.0000, 0.0000,
0.0000

109.3078, 95.7423,
134.5029

138.5710,

123.1265, 169.5967

172.6399,
155.2898, 210.3184

■ 14.1872, 10.2740,
18.6881

■ 14.1872, 10.2740,
18.6881

■ 13.3720, 8.7963,
17.9452

■ 15.1709, 12.0857,
19.4954

■ 12.7140, 7.6304,
17.2626

■ 16.3315, 14.2489,
20.3695

■ 12.2018, 6.7539,
16.6366

■ 17.6782, 16.7815,
21.3139

■ 11.8226, 6.1405,
16.0628

■ 19.2191, 19.7000,
22.3310

■ 11.5594, 5.7567,
15.5355

■ 20.9619, 23.0196,
23.4237

■ 11.4168, 5.5607,
15.2129

■ 22.9139, 26.7550,
24.5943

■ 25.0820, 30.9198,
25.8452

■ 27.4728, 35.5274,
27.1786

■ 30.0925, 40.5901,
28.5967

Harmonies

Analogous

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



12.2165, 10.2740, 26.1582



14.1872, 10.2740, 18.6881



14.9345, 10.2740, 11.0471

Triad

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



14.1872, 10.2740, 18.6881



9.7163, 10.2740, 2.6616



6.4100, 10.2740, 19.0319

Complementary

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



14.1872, 10.2740, 18.6881



11.4350, 16.8117, 9.8507

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.



5.9519, 10.2740, 11.3273



14.1872, 10.2740, 18.6881



7.6658, 10.2740, 3.4054

Square

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



14.1872, 10.2740, 18.6881



12.1184, 10.2740, 3.3423



6.3731, 10.2740, 6.0212



7.7381, 10.2740, 26.4058

Rectangle

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



14.1872, 10.2740, 18.6881



14.5587, 10.2740, 7.2651



6.3731, 10.2740, 6.0212



6.1595, 10.2740, 16.3136

Sweetspot

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



14.1875, 10.2745, 18.6883



31.2048, 29.7045, 37.5762



9.1139, 7.6085, 20.7272



6.9909, 6.5546, 8.4742



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1875, 10.2745, 18.6883



23.5937, 15.5844, 31.6416



12.7932, 9.7167, 11.3461



4.4754, 4.4033, 5.3077



11.7113, 5.7042, 15.6011



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1875, 10.2745, 18.6883



23.5937, 15.5844, 31.6416



12.6053, 17.2799, 16.0136



4.4754, 4.4033, 5.3077



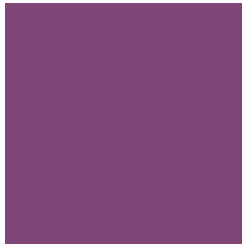
11.7113, 5.7042, 15.6011



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1872, 10.2740, 18.6881 looks on a white 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

Black Background



This preview shows how the XYZ color 14.1872, 10.2740, 18.6881 looks on a black 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

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

XYZ 14.1872, 10.2740, 18.6881

Background



This preview shows how black text looks on a background with the XYZ color 14.1872, 10.2740, 18.6881.



This preview shows how white text looks on a background with the XYZ color 14.1872, 10.2740,

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

14.1872, 10.2740, 18.6881

Protanopia

10.7865, 10.3747, 23.6243

Deuteranopia

10.5625, 10.3841, 17.9706



Tritanopia

12.3507, 10.2264, 9.7105

Trichromacy



Original Color

14.1872, 10.2740, 18.6881

Protanomaly

11.5297, 9.9728, 21.7393

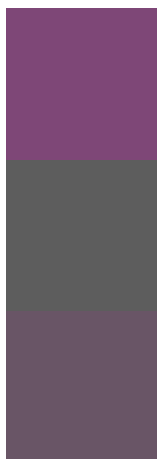
Deuteranomaly

11.5950, 10.0856, 18.1652

Tritanomaly

12.8421, 10.1062, 12.5831

Monochromacy



Original Color

14.1872, 10.2740, 18.6881

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.4725, 10.4596, 13.9846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1872, 10.2740, 18.6881 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(126, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 71, 119)  
}
```

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(126, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 71, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.1872, 10.2740, 18.6881 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(126, 71, 119) }
```


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

```
.border{ border-color:rgb(126, 71, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 71, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 71, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 71, 119); box-shadow:4px 4px 4px 4px rgb(126, 71, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1872, 10.2740, 18.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 71, 119) }
```

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

```
.background{ background-color: rgb(126, 71,  
119) }
```

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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