

Converting Colors

XYZ(14.7967, 12.9312, 18.9063)

Have a look what the booklet for
XYZ(14.7967, 12.9312, 18.9063)
contains.

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Color

**XYZ(14.8429, 12.9554,
18.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	785C76
RGB	120, 92, 118
RGB Percent	47%, 36%, 46%
CMY	0.5294, 0.6392, 0.5373
CMYK	0.00, 0.23, 0.02, 0.53
HSL	304°, 13%, 42%
HSV	304°, 23%, 47%
XYZ	14.8429, 12.9554, 18.8579
YIQ	103.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

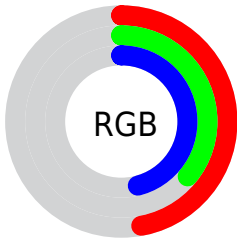
Format	Color
R_{YB}	120, 92, 118
Decimal	7887990
CIE _{Lab}	42.70, 16.25, -10.28
CIE _{LCh}	43, 19.234, 327.683
Yxy	12.9554, 0.3181, 0.2777
Android (android.graphics.Color)	4286078070 (0xFF785C76)
YUV	103.3360, 7.2294, 14.6143
Hunter-Lab	35.9936, 10.6203, -5.8679

Details

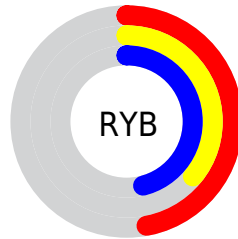
The XYZ color **14.8429, 12.9554, 18.8579** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.1510, 16.5168, 13.0853**, and the grayscale version is **12.9614, 13.6364, 14.8500**.

A 20% lighter version of the original color is **34.1623, 31.1325, 42.2388**, and **4.6810, 3.7358, 6.2687** is the 20% darker color. If you saturate the color by 10%, you get **13.8340, 11.0186, 18.2715**, and if you desaturate by 10%, it is **16.0177, 15.2229, 19.5021**.

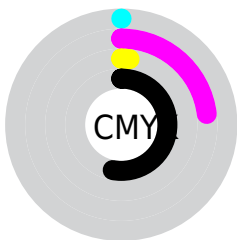
Distribution



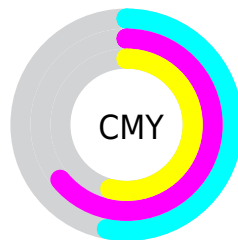
- Red (47%)
- Green (36%)
- Blue (46%)



- Red (47%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8429, 12.9554, 18.8579 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 14.8429, 12.9554, 18.8579 by changing the saturation by 10% instead.

■ 14.8429, 12.9554,
18.8579

■ 14.8429, 12.9554,
18.8579

215.8206,
210.6316, 258.0597

■ 8.7948, 7.3978,
11.3919

■ 34.1513, 31.2236,
42.3273

■ 4.6636, 3.7121,
6.2136

■ 48.1422, 44.7031,
59.1678

■ 2.0840, 1.5139,
2.9045

■ 65.5116, 61.5920,
79.9702

■ 0.6805, 0.2985,
1.0461

■ 86.6246, 82.2747,
105.1531

■ 0.0000, 0.0000,
0.0000

111.8466,
107.1356, 135.1349

141.5431,

136.5592, 170.3343

176.0793,
170.9297, 211.1697

■ 14.8429, 12.9554,
18.8579

■ 14.8429, 12.9554,
18.8579

■ 13.8340, 11.0186,
18.2715

■ 16.0177, 15.2229,
19.5021

■ 12.9822, 9.3953,
17.7397

■ 17.3645, 17.8338,
20.2059

■ 12.2794, 8.0694,
17.2597

■ 18.8904, 20.8023,
20.9716

■ 11.7165, 7.0227,
16.8287

■ 20.6020, 24.1413,
21.8015

■ 11.2834, 6.2347,
16.4432

■ 22.5053, 27.8630,
22.6976

■ 10.9686, 5.6826,
16.0994

■ 24.6061, 31.9790,
23.6619

■ 10.7573, 5.3367,
15.7924

■ 26.9100, 36.5005,
24.6962

■ 10.6387, 5.1503,
15.5963

■ 29.4225, 41.4382,
25.8023

■ 32.1485, 46.8024,
26.9820

Harmonies

Analogous

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



13.6651, 12.9554, 22.4948



14.8429, 12.9554, 18.8579



15.3384, 12.9554, 14.4340

Triad

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



14.8429, 12.9554, 18.8579



12.4276, 12.9554, 7.4992



9.9904, 12.9554, 18.1825

Complementary

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



14.8429, 12.9554, 18.8579



13.1510, 16.5168, 13.0853

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.



9.7153, 12.9554, 13.7835



14.8429, 12.9554, 18.8579



11.0545, 12.9554, 8.1152

Square

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



14.8429, 12.9554, 18.8579



13.8770, 12.9554, 8.3423



10.0895, 12.9554, 10.2284



10.8725, 12.9554, 22.0538

Rectangle

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



14.8429, 12.9554, 18.8579



15.1880, 12.9554, 11.8015



10.0895, 12.9554, 10.2284



9.8271, 12.9554, 16.6931

Sweetspot

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



14.8433, 12.9560, 18.8582



29.5944, 29.5295, 35.0501



11.8204, 11.3837, 19.3438



6.9899, 6.9522, 8.2942



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.8433, 12.9560, 18.8582



25.1206, 20.8920, 32.6031



14.0788, 12.6502, 14.8325



4.1427, 4.0728, 4.9492



11.6039, 5.6177, 17.0031



55.2192, 26.7440, 80.4075

Inverse Universe

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



14.8433, 12.9560, 18.8582



25.1206, 20.8920, 32.6031



13.8303, 16.7885, 16.6622



4.1427, 4.0728, 4.9492



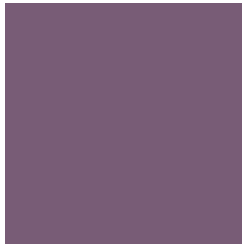
11.6039, 5.6177, 17.0031



55.2192, 26.7440, 80.4075

Previews

White Background



This preview shows how the XYZ color 14.8429, 12.9554, 18.8579 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 14.8429, 12.9554, 18.8579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

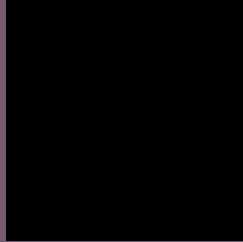
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8429, 12.9554, 18.8579

Background



This preview shows how black text looks on a background with the XYZ color 14.8429, 12.9554, 18.8579.



This preview shows how white text looks on a background with the XYZ color 14.8429, 12.9554,

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

14.8429, 12.9554, 18.8579

Protanopia

12.9562, 13.0312, 20.5713

Deuteranopia

13.2662, 13.0916, 18.6573



Tritanopia

13.9617, 12.9953, 14.3429

Trichromacy



Original Color

14.8429, 12.9554, 18.8579

Protanomaly

13.5516, 12.9331, 19.8713

Deuteranomaly

13.7004, 12.9013, 18.5977

Tritanomaly

14.3172, 13.0101, 15.9439

Monochromacy



Original Color

14.8429, 12.9554, 18.8579

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4753, 13.2576, 16.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8429, 12.9554, 18.8579 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(120, 92, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 92, 118)  
}
```

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(120, 92, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 92, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.8429, 12.9554, 18.8579 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(120, 92, 118) }
```


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

```
.border{ border-color:rgb(120, 92, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 92, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 92, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 92, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 92,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8429, 12.9554, 18.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 92, 118) }
```

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

```
.background{ background-color: rgb(120, 92,  
118) }
```

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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