

Converting Colors

XYZ(14.6473, 12.2929, 14.3704)

Have a look what the booklet for
XYZ(14.6473, 12.2929, 14.3704)
contains.

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Color

**XYZ(14.7585, 12.3849,
14.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	805767
RGB	128, 87, 103
RGB Percent	50%, 34%, 40%
CMY	0.4980, 0.6588, 0.5961
CMYK	0.00, 0.32, 0.20, 0.50
HSL	337°, 19%, 42%
HSV	337°, 32%, 50%
XYZ	14.7585, 12.3849, 14.4446
YIQ	101.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

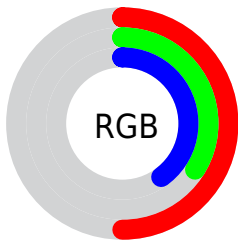
Format	Color
R_{YB}	128, 87, 103
Decimal	8410983
CIE _{Lab}	41.82, 19.51, -2.31
CIE _{LCh}	42, 19.650, 353.247
Yxy	12.3849, 0.3549, 0.2978
Android (android.graphics.Color)	4286601063 (0xFF805767)
YUV	101.0830, 0.9451, 23.6062
Hunter-Lab	35.1922, 13.2710, 0.2990

Details

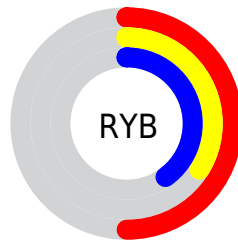
The XYZ color **14.7585, 12.3849, 14.4446** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.5749, 18.6348, 18.1590**, and the grayscale version is **12.3856, 13.0306, 14.1903**.

A 20% lighter version of the original color is **34.0698, 30.1695, 34.5995**, and **4.6486, 3.4911, 4.1702** is the 20% darker color. If you saturate the color by 10%, you get **13.4390, 10.3438, 12.1612**, and if you desaturate by 10%, it is **16.2991, 14.8094, 16.9824**.

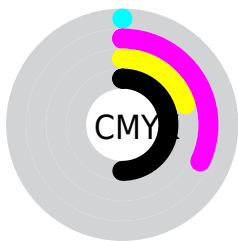
Distribution



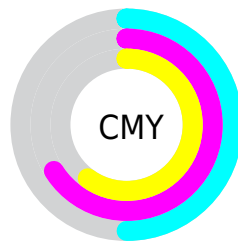
- Red (50%)
- Green (34%)
- Blue (40%)



- Red (50%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (50%)





- Cyan (50%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7585, 12.3849, 14.4446 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 14.7585, 12.3849, 14.4446 by changing the saturation by 10% instead.


 14.7585, 12.3849,
14.4446


 14.7585, 12.3849,
14.4446


215.3173,
206.9370, 231.5032


 8.7353, 7.0064,
8.2883


 34.0041, 30.1942,
34.6043


 4.6246, 3.4661,
4.1895

 47.9572, 43.3938,
49.4447


 2.0612, 1.3796,
1.7299

 65.2843, 59.9692,
68.0168

 0.6680, 0.2016,
0.3811

 86.3508, 80.3048,
90.7393

 0.0000, 0.0000,
0.0000

 111.5219,
104.7849, 118.0307

141.1632,

133.7941, 150.3094

175.6398,
167.7167, 187.9941

■ 14.7585, 12.3849,
14.4446

■ 14.7585, 12.3849,
14.4446

■ 13.4390, 10.3438,
12.1612

■ 16.2991, 14.8094,
16.9824

■ 12.3288, 8.6645,
10.1231

■ 18.0696, 17.6338,
19.7820

■ 11.4166, 7.3259,
8.3214

■ 20.0799, 20.8760,
22.8512

■ 10.6896, 6.3041,
6.7465

■ 22.3385, 24.5521,
26.1974

■ 10.1333, 5.5720,
5.3879

■ 24.8540, 28.6775,
29.8275

■ 9.7308, 5.0979,
4.2340

■ 27.6342, 33.2666,
33.7485

■ 9.4767, 4.8191,
3.4422

■ 30.6867, 38.3335,
37.9668

■ 34.0188, 43.8913,
42.4886

■ 37.6376, 49.9529,
47.3202

Harmonies

Analogous

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



14.1461, 12.3849, 18.8412



14.7585, 12.3849, 14.4446



14.5194, 12.3849, 10.5763

Triad

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



14.7585, 12.3849, 14.4446



10.7064, 12.3849, 7.4053



10.1828, 12.3849, 20.9359

Complementary

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



14.7585, 12.3849, 14.4446



14.5749, 18.6348, 18.1590

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.



9.3941, 12.3849, 16.8834



14.7585, 12.3849, 14.4446



9.6787, 12.3849, 9.2544

Square

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



14.7585, 12.3849, 14.4446



12.1019, 12.3849, 7.0154



9.2174, 12.3849, 12.5690



11.4471, 12.3849, 23.0546

Rectangle

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



14.7585, 12.3849, 14.4446



13.9182, 12.3849, 8.7264



9.2174, 12.3849, 12.5690



9.8577, 12.3849, 19.7192

Sweetspot

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



14.7589, 12.3855, 14.4449



32.4192, 32.0185, 35.7655



13.9363, 11.7942, 21.9642



7.4967, 7.3462, 8.2291



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7589, 12.3855, 14.4449



24.3535, 19.2750, 22.6325



14.3725, 12.7772, 10.7263



4.3918, 4.3699, 4.8679



9.3974, 4.7787, 3.4165



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7589, 12.3855, 14.4449



24.3535, 19.2750, 22.6325



15.0224, 17.9754, 23.1001



4.3918, 4.3699, 4.8679



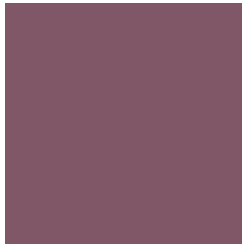
9.3974, 4.7787, 3.4165



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7585, 12.3849, 14.4446 looks on a white background.

Color Contrast Check

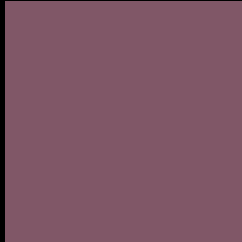
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7585, 12.3849, 14.4446 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 14.7585, 12.3849, 14.4446

Background



This preview shows how black text looks on a background with the XYZ color 14.7585, 12.3849, 14.4446.



This preview shows how white text looks on a background with the XYZ color 14.7585, 12.3849,

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

14.7585, 12.3849, 14.4446

Protanopia

12.2192, 12.4578, 16.5124

Deuteranopia

12.5952, 12.4311, 14.0475



Tritanopia

14.3077, 12.3177, 12.4499

Trichromacy



Original Color

14.7585, 12.3849, 14.4446

Protanomaly

12.9632, 12.3182, 15.6043

Deuteranomaly

13.3829, 12.4328, 14.2648

Tritanomaly

14.4467, 12.3733, 13.1821

Monochromacy



Original Color

14.7585, 12.3849, 14.4446

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.1367, 12.7046, 14.3302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7585, 12.3849, 14.4446 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(128, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(128, 87, 103)  
}
```

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(128, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 87, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.7585, 12.3849, 14.4446 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(128, 87, 103) }
```


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

```
.border{ border-color:rgb(128, 87, 103) }
```

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

Here you see how a box with a 4 pixel rgb(128, 87, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(128, 87,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7585, 12.3849, 14.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 87, 103) }
```

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

```
.background{ background-color: rgb(128, 87,  
103) }
```

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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