

Converting Colors

XYZ(16.0008, 13.9468, 18.5164)

Have a look what the booklet for
XYZ(16.0008, 13.9468, 18.5164)
contains.

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Color

**XYZ(15.9970, 13.9574,
18.3739)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5F74
RGB	127, 95, 116
RGB Percent	50%, 37%, 45%
CMY	0.5020, 0.6274, 0.5451
CMYK	0.00, 0.25, 0.09, 0.50
HSL	321°, 14%, 44%
HSV	321°, 25%, 50%
XYZ	15.9970, 13.9574, 18.3739
YIQ	106.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

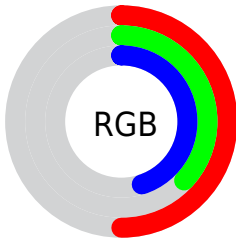
Format	Color
R_{YB}	127, 95, 116
Decimal	8347508
CIE Lab	44.17, 16.70, -6.78
CIE LCh	44, 18.021, 337.913
Yxy	13.9574, 0.3310, 0.2888
Android (android.graphics.Color)	4286537588 (0xFF7F5F74)
YUV	106.9620, 4.4557, 17.5733
Hunter-Lab	37.3596, 11.0526, -3.0078

Details

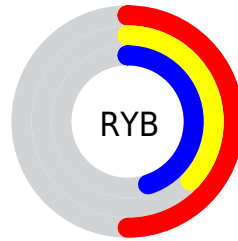
The XYZ color **15.9970, 13.9574, 18.3739** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9108, 18.6527, 16.4510**, and the grayscale version is **13.9506, 14.6771, 15.9834**.

A 20% lighter version of the original color is **36.1692, 33.0882, 41.5261**, and **5.1609, 4.1090, 5.9900** is the 20% darker color. If you saturate the color by 10%, you get **14.6970, 11.7542, 16.7169**, and if you desaturate by 10%, it is **17.4963, 16.5397, 20.1565**.

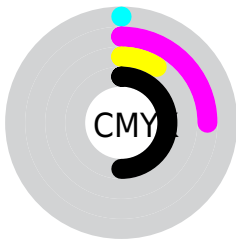
Distribution



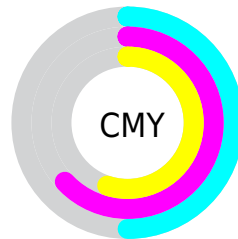
- Red (50%)
- Green (37%)
- Blue (45%)



- Red (50%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9970, 13.9574, 18.3739 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 15.9970, 13.9574, 18.3739 by changing the saturation by 10% instead.

■ 15.9970, 13.9574,
18.3739

■ 15.9970, 13.9574,
18.3739

222.5948,
216.9657, 255.2767

■ 9.6129, 8.0910,
11.0465

■ 36.1505, 33.0134,
41.4959

■ 5.2033, 4.1533,
5.9836

■ 50.6505, 46.9719,
58.1277

■ 2.4030, 1.7597,
2.7665

■ 68.5866, 64.3965,
78.6980

■ 0.8466, 0.4618,
0.9767

■ 90.3241, 85.6716,
103.6254

■ 0.0000, 0.0000,
0.0000

116.2283,
111.1817, 133.3284

146.6645,

141.3112, 168.2256

181.9982,
176.4444, 208.7355

■ 15.9970, 13.9574,
18.3739

■ 15.9970, 13.9574,
18.3739

■ 14.6970, 11.7542,
16.7169

■ 17.4963, 16.5397,
20.1565

■ 13.5859, 9.9101,
15.1809

■ 19.2022, 19.5161,
22.0675

■ 12.6541, 8.4061,
13.7619

■ 21.1232, 22.9030,
24.1107

■ 11.8908, 7.2206,
12.4555

■ 23.2669, 26.7156,
26.2893

■ 11.2838, 6.3297,
11.2569

■ 25.6406, 30.9680,
28.6066

■ 10.8192, 5.7060,
10.1604

■ 28.2512, 35.6738,
31.0654

■ 10.4759, 5.3074,
9.1582

■ 31.1052, 40.8459,
33.6688

■ 10.3270, 5.1419,
8.7009

■ 34.2090, 46.4969,
36.4196

■ 37.5688, 52.6387,
39.3205

Harmonies

Analogous

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



15.0389, 13.9574, 22.3409



15.9970, 13.9574, 18.3739



16.1979, 13.9574, 14.1328

Triad

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



15.9970, 13.9574, 18.3739



12.8890, 13.9574, 8.6252



11.2018, 13.9574, 20.6015

Complementary

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



15.9970, 13.9574, 18.3739



14.9108, 18.6527, 16.4510

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.



10.7113, 13.9574, 16.3138



15.9970, 13.9574, 18.3739



11.6384, 13.9574, 9.7662

Square

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



15.9970, 13.9574, 18.3739



14.3333, 13.9574, 8.9766



10.8651, 13.9574, 12.4096



12.2532, 13.9574, 23.7803

Rectangle

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



15.9970, 13.9574, 18.3739



15.8628, 13.9574, 11.7831



10.8651, 13.9574, 12.4096



10.9694, 13.9574, 19.2143

Sweetspot

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



15.9974, 13.9580, 18.3742



33.4314, 33.2758, 38.4677



13.8279, 12.7612, 21.8133



7.7307, 7.6221, 8.8990



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.



15.9974, 13.9580, 18.3742



27.3191, 22.7355, 31.2383



15.1615, 13.6237, 13.9726



4.4373, 4.3881, 5.1073



10.4143, 5.1854, 8.7715



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9974, 13.9580, 18.3742



27.3191, 22.7355, 31.2383



15.8014, 19.0089, 21.1409



4.4373, 4.3881, 5.1073



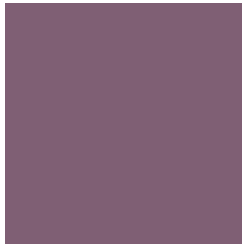
10.4143, 5.1854, 8.7715



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9970, 13.9574, 18.3739 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

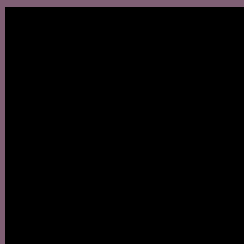
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9970, 13.9574, 18.3739

Background



This preview shows how black text looks on a background with the XYZ color 15.9970, 13.9574, 18.3739.



This preview shows how white text looks on a background with the XYZ color 15.9970, 13.9574,

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

15.9970, 13.9574, 18.3739

Protanopia

13.8300, 14.0725, 20.3997

Deuteranopia

14.2763, 14.0555, 18.1802



Tritanopia

15.4287, 14.0049, 15.2546

Trichromacy



Original Color

15.9970, 13.9574, 18.3739

Protanomaly

14.4743, 13.9784, 19.7045

Deuteranomaly

14.7588, 13.8745, 18.1198

Tritanomaly

15.5474, 13.9055, 16.3326

Monochromacy



Original Color

15.9970, 13.9574, 18.3739

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6042, 14.4037, 16.7623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9970, 13.9574, 18.3739 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(127, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 116)  
}
```

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(127, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.9970, 13.9574, 18.3739 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(127, 95, 116) }
```


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

```
.border{ border-color:rgb(127, 95, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 95, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(127, 95,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9970, 13.9574, 18.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 116) }
```

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

```
.background{ background-color: rgb(127, 95,  
116) }
```

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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