

Converting Colors

XYZ(13.4645, 10.8560, 17.9027)

Have a look what the booklet for
XYZ(13.4645, 10.8560, 17.9027)
contains.

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Color

**XYZ(13.4923, 10.8498,
17.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	765074
RGB	118, 80, 116
RGB Percent	46%, 31%, 45%
CMY	0.5372, 0.6863, 0.5451
CMYK	0.00, 0.32, 0.02, 0.54
HSL	303°, 19%, 39%
HSV	303°, 32%, 46%
XYZ	13.4923, 10.8498, 17.9061
YIQ	95.4660, 11.0920, 19.2520

Conversions

Conversions Part 2

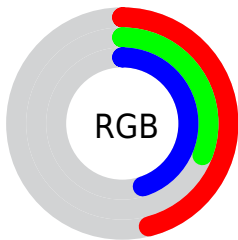
Format	Color
R _Y B	118, 80, 116
Decimal	7753844
CIE Lab	39.33, 22.35, -14.18
CIE LCh	39, 26.472, 327.600
Yxy	10.8498, 0.3194, 0.2568
Android (android.graphics.Color)	4285943924 (0xFF765074)
YUV	95.4660, 10.1233, 19.7623
Hunter-Lab	32.9390, 15.4728, -9.1735

Details

The XYZ color **13.4923, 10.8498, 17.9061** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **11.3102, 15.2720, 10.3350**, and the grayscale version is **10.9639, 11.5349, 12.5615**.

A 20% lighter version of the original color is **31.8451, 27.4503, 40.6658**, and **4.0697, 2.8266, 5.7999** is the 20% darker color. If you saturate the color by 10%, you get **12.6672, 9.2569, 17.4534**, and if you desaturate by 10%, it is **14.4701, 12.7472, 18.4111**.

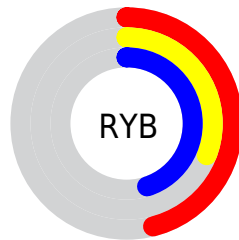
Distribution



Red (46%)

Green (31%)

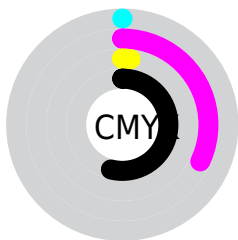
Blue (45%)



Red (46%)

Yellow (31%)

Blue (45%)

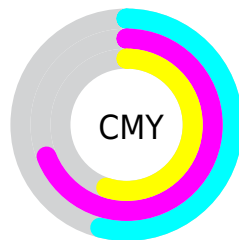


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (54%)



Cyan (54%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4923, 10.8498, 17.9061 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 13.4923, 10.8498, 17.9061 by changing the saturation by 10% instead.

■ 13.4923, 10.8498,
17.9061

■ 13.4923, 10.8498,
17.9061

207.6236,
196.6342, 252.5596

■ 7.8477, 5.9659,
10.7138

■ 31.7793, 27.3821,
40.6890

■ 4.0487, 2.8244,
5.7630

■ 45.1524, 39.7993,
57.1168

■ 1.7297, 1.0407,
2.6351

■ 61.8324, 55.4964,
77.4601

■ 0.4748, 0.0000,
0.9105

■ 82.1847, 74.8578,
102.1376

■ 0.0000, 0.0000,
0.0000

■ 106.5746, 98.2679,
131.5678

135.3675,

126.1110, 166.1691

168.9287,
158.7717, 206.3602

■ 13.4923, 10.8498,
17.9061

■ 13.4923, 10.8498,
17.9061

■ 12.6672, 9.2569,
17.4534

■ 14.4701, 12.7472,
18.4111

■ 11.9857, 7.9514,
17.0498

■ 15.6070, 14.9625,
18.9702

■ 11.4397, 6.9162,
16.6924

■ 16.9101, 17.5100,
19.5858

■ 11.0195, 6.1323,
16.3782

■ 18.3860, 20.4024,
20.2603

■ 10.7143, 5.5779,
16.1034

■ 20.0407, 23.6522,
20.9956

■ 10.5111, 5.2273,
15.8639

■ 21.8800, 27.2710,
21.7936

■ 10.3842, 5.0168,
15.6885

■ 23.9097, 31.2699,
22.6563

■ 26.1349, 35.6596,
23.5854

■ 28.5609, 40.4503,
24.5826

Harmonies

Analogous

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



11.9867, 10.8498, 22.8491



13.4923, 10.8498, 17.9061



14.1383, 10.8498, 12.2302

Triad

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



13.4923, 10.8498, 17.9061



10.4569, 10.8498, 4.4597



7.5586, 10.8498, 16.9813

Complementary

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



13.4923, 10.8498, 17.9061



11.3102, 15.2720, 10.3350

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.



7.2477, 10.8498, 11.4065



13.4923, 10.8498, 17.9061



8.8018, 10.8498, 5.0653

Square

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



13.4923, 10.8498, 17.9061



12.2642, 10.8498, 5.3031



7.6761, 10.8498, 7.2884



8.5796, 10.8498, 22.2157

Rectangle

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



13.4923, 10.8498, 17.9061



13.9445, 10.8498, 9.0822



7.6761, 10.8498, 7.2884



7.3731, 10.8498, 15.0441

Sweetspot

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



13.4926, 10.8503, 17.9063



27.8658, 27.1367, 33.5585



9.6101, 8.8352, 18.3388



6.3517, 6.1316, 7.6892



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.4926, 10.8503, 17.9063



22.5739, 16.8565, 30.8582



12.5026, 10.4543, 12.6931



3.8187, 3.7548, 4.5721



11.2326, 5.4267, 16.9648



54.6369, 26.4049, 82.1401

Inverse Universe

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



13.4926, 10.8503, 17.9063



22.5739, 16.8565, 30.8582



12.1312, 15.6004, 14.6585



3.8187, 3.7548, 4.5721



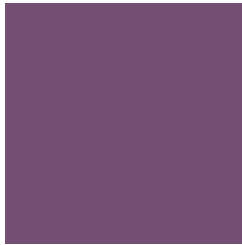
11.2326, 5.4267, 16.9648



54.6369, 26.4049, 82.1401

Previews

White Background



This preview shows how the XYZ color 13.4923, 10.8498, 17.9061 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 13.4923, 10.8498, 17.9061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

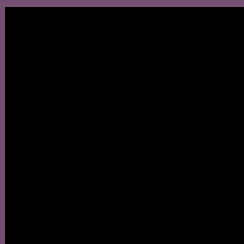
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4923, 10.8498, 17.9061

Background



This preview shows how black text looks on a background with the XYZ color 13.4923, 10.8498, 17.9061.



This preview shows how white text looks on a background with the XYZ color 13.4923, 10.8498,

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

13.4923, 10.8498, 17.9061

Protanopia

11.1850, 11.0198, 20.9396

Deuteranopia

11.0927, 10.9212, 17.4429



Tritanopia

12.2071, 10.8972, 11.3575

Trichromacy



Original Color

13.4923, 10.8498, 17.9061

Protanomaly

11.8264, 10.8714, 19.8874

Deuteranomaly

11.8695, 10.8209, 17.6827

Tritanomaly

12.5960, 10.8196, 13.4811

Monochromacy



Original Color

13.4923, 10.8498, 17.9061

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6979, 11.1752, 14.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4923, 10.8498, 17.9061 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(118, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 80, 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(118, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 80, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.4923, 10.8498, 17.9061 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(118, 80, 116) }
```


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

```
.border{ border-color:rgb(118, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(118, 80,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4923, 10.8498, 17.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 80, 116) }
```

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

```
.background{ background-color: rgb(118, 80,  
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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