

Converting Colors

XYZ(14.7934, 13.8382, 13.3491)

Have a look what the booklet for
XYZ(14.7934, 13.8382, 13.3491)
contains.

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Color

**XYZ(14.8845, 13.9023,
13.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6262
RGB	124, 98, 98
RGB Percent	49%, 38%, 38%
CMY	0.5137, 0.6157, 0.6157
CMYK	0.00, 0.21, 0.21, 0.51
HSL	0°, 12%, 44%
HSV	0°, 21%, 49%
XYZ	14.8845, 13.9023, 13.4542
YIQ	105.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

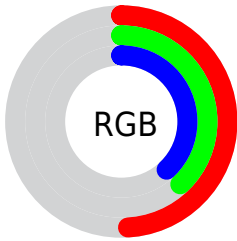
Format	Color
R_{YB}	124, 98, 98
Decimal	8151650
CIE _{Lab}	44.09, 10.49, 3.99
CIE _{LCh}	44, 11.221, 20.839
Yxy	13.9023, 0.3524, 0.3291
Android (android.graphics.Color)	4286341730 (0xFF7C6262)
YUV	105.7740, -3.8326, 15.9842
Hunter-Lab	37.2858, 6.0071, 4.7059

Details

The XYZ color **14.8845, 13.9023, 13.4542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8827, 18.4668, 21.7963**, and the grayscale version is **13.6453, 14.3559, 15.6336**.

A 20% lighter version of the original color is **34.3037, 33.0119, 32.9977**, and **4.7053, 4.1114, 3.7944** is the 20% darker color. If you saturate the color by 10%, you get **13.2722, 11.5431, 10.2485**, and if you desaturate by 10%, it is **16.7680, 16.6585, 17.1982**.

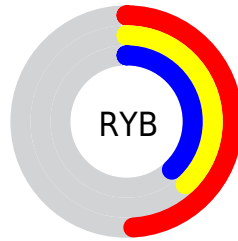
Distribution



Red (49%)

Green (38%)

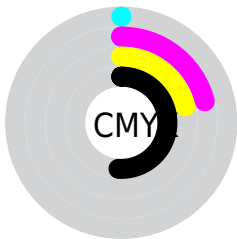
Blue (38%)



Red (49%)

Yellow (38%)

Blue (38%)

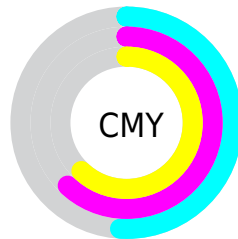


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (51%)



Cyan (51%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8845, 13.9023, 13.4542 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 14.8845, 13.9023, 13.4542 by changing the saturation by 10% instead.

■ 14.8845, 13.9023,
13.4542

■ 14.8845, 13.9023,
13.4542

216.0683,
216.6222, 225.1175

■ 8.8242, 8.0527,
7.6077

■ 34.2238, 32.9156,
32.8205

■ 4.6828, 4.1287,
3.7608

■ 48.2334, 46.8481,
47.1773

■ 2.0952, 1.7458,
1.4951

■ 65.6235, 64.2437,
65.2079

■ 0.6866, 0.4531,
0.2142

■ 86.7594, 85.4868,
87.3309

■ 0.0000, 0.0000,
0.0000

112.0064,
110.9618, 113.9648

141.7301,

141.0531, 145.5282

176.2956,
176.1451, 182.4396

■ 14.8845, 13.9023,
13.4542

■ 14.8845, 13.9023,
13.4542

■ 13.2722, 11.5431,
10.2485

■ 16.7680, 16.6585,
17.1982

■ 11.9176, 9.5609,
7.5556

■ 18.9333, 19.8268,
21.5027

■ 10.8076, 7.9367,
5.3491

■ 21.3915, 23.4239,
26.3897

■ 9.9278, 6.6492,
3.6000

■ 24.1531, 27.4648,
31.8799

■ 9.2618, 5.6748,
2.2763

■ 27.2280, 31.9641,
37.9928

■ 8.7916, 4.9867,
1.3417

■ 30.6254, 36.9355,
44.7472

■ 8.4959, 4.5540,
0.7539

■ 34.3545, 42.3921,
52.1608

■ 8.3124, 4.2854,
0.3890

■ 38.4239, 48.3466,
60.2510

■ 42.8419, 54.8112,
69.0343

Harmonies

Analogous

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



14.9826, 13.9023, 15.9338



14.8845, 13.9023, 13.4542



14.3281, 13.9023, 11.6351

Triad

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



14.8845, 13.9023, 13.4542



11.9264, 13.9023, 12.2390



12.9422, 13.9023, 20.5303

Complementary

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



14.8845, 13.9023, 13.4542



15.8827, 18.4668, 21.7963

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.



12.1587, 13.9023, 19.2798



14.8845, 13.9023, 13.4542



11.5898, 13.9023, 14.3677

Square

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



14.8845, 13.9023, 13.4542



12.6122, 13.9023, 10.9904



11.6729, 13.9023, 16.9551



13.8341, 13.9023, 20.2146

Rectangle

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



14.8845, 13.9023, 13.4542



13.7854, 13.9023, 10.9506



11.6729, 13.9023, 16.9551



12.6580, 13.9023, 20.2743

Sweetspot

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



14.8849, 13.9029, 13.4545



31.2828, 31.9125, 33.7938



16.3181, 14.4759, 21.0030



7.3224, 7.4497, 7.8691



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.



14.8849, 13.9029, 13.4545



24.8230, 22.4601, 20.9517



16.2014, 16.5360, 13.8933



3.9983, 4.0151, 4.1887



8.4503, 4.3565, 0.3955



40.3083, 20.7801, 1.8865

Inverse Universe

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



15.8827, 18.4668, 21.7963



26.8989, 31.9552, 38.3069



14.3597, 15.4210, 21.2887



4.1070, 4.5124, 5.0977



11.0244, 16.1312, 21.9179



52.5869, 76.9465, 104.5503

Previews

White Background



This preview shows how the XYZ color 14.8845, 13.9023, 13.4542 looks on a white background.

Color Contrast Check

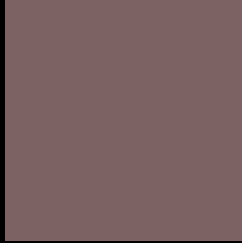
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8845, 13.9023, 13.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

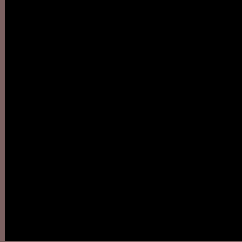
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8845, 13.9023, 13.4542

Background



This preview shows how black text looks on a background with the XYZ color 14.8845, 13.9023, 13.4542.



This preview shows how white text looks on a background with the XYZ color 14.8845, 13.9023,

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

14.8845, 13.9023, 13.4542

Protanopia

13.3627, 13.9660, 14.3033

Deuteranopia

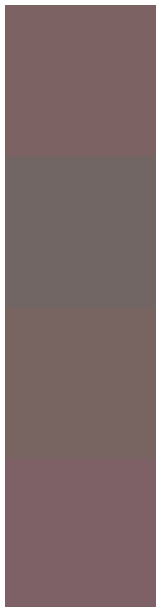
14.1475, 13.9523, 13.2567



Tritanopia

15.2308, 13.9088, 14.9786

Trichromacy



Original Color

14.8845, 13.9023, 13.4542

Protanomaly

13.8617, 13.9336, 14.0154

Deuteranomaly

14.4606, 13.9705, 13.2437

Tritanomaly

15.1304, 13.8687, 14.4498

Monochromacy



Original Color

14.8845, 13.9023, 13.4542

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1085, 14.1905, 14.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8845, 13.9023, 13.4542 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(124, 98, 98) looks like.

```
.text, #text, p{  
    color:rgb(124, 98, 98)  
}
```

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(124, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.8845, 13.9023, 13.4542 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(124, 98, 98) }
```


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

```
.border{ border-color:rgb(124, 98, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 98, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(124, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8845, 13.9023, 13.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 98, 98) }
```

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

```
.background{ background-color: rgb(124, 98,  
98) }
```

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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