

Converting Colors

XYZ(14.8296, 13.3307, 10.7115)

Have a look what the booklet for
XYZ(14.8296, 13.3307, 10.7115)
contains.

XYZ(14.9289, 13.4394, 10.8240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9289, 13.4394,
10.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	825E57
RGB	130, 94, 87
RGB Percent	51%, 37%, 34%
CMY	0.4902, 0.6314, 0.6588
CMYK	0.00, 0.28, 0.33, 0.49
HSL	10°, 20%, 43%
HSV	10°, 33%, 51%
XYZ	14.9289, 13.4394, 10.8240
YIQ	103.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

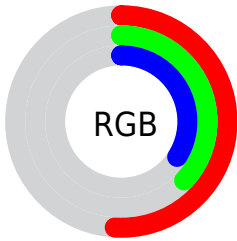
Format	Color
R_{YB}	130, 95, 87
Decimal	8543831
CIE _{Lab}	43.42, 13.66, 9.80
CIE _{LCh}	43, 16.811, 35.642
Yxy	13.4394, 0.3809, 0.3429
Android (android.graphics.Color)	4286733911 (0xFF825E57)
YUV	103.9660, -8.3642, 22.8318
Hunter-Lab	36.6598, 8.5356, 8.1562

Details

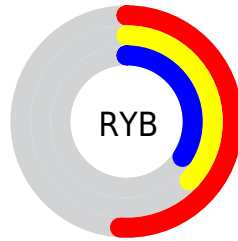
The XYZ color **14.9289, 13.4394, 10.8240** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0423, 17.8030, 23.7625**, and the grayscale version is **13.1666, 13.8523, 15.0851**.

A 20% lighter version of the original color is **34.4079, 32.2473, 28.0778**, and **4.6993, 3.9433, 2.7039** is the 20% darker color. If you saturate the color by 10%, you get **13.5445, 11.4453, 7.9740**, and if you desaturate by 10%, it is **16.5462, 15.7460, 14.2239**.

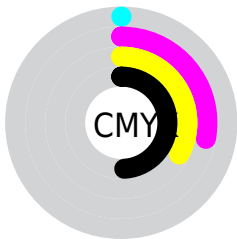
Distribution



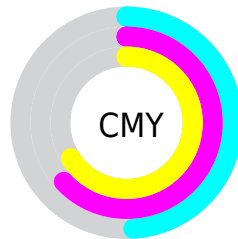
- Red (51%)
- Green (37%)
- Blue (34%)



- Red (51%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9289, 13.4394, 10.8240 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 14.9289, 13.4394, 10.8240 by changing the saturation by 10% instead.

■ 14.9289, 13.4394,
10.8240

■ 14.9289, 13.4394,
10.8240

216.3324,
213.7148, 207.1500

■ 8.8555, 7.7318,
5.8359

■ 34.3011, 32.0910,
27.9659

■ 4.7034, 3.9238,
2.6784

■ 48.3306, 45.8037,
40.9568

■ 2.1073, 1.6310,
0.9325

■ 65.7428, 62.9537,
57.4525

■ 0.6932, 0.3784,
0.0000

■ 86.9031, 83.9252,
77.8713

■ 0.0000, 0.0000,
0.0000

■ 112.1769,
109.1026, 102.6320

141.9294,

138.8705, 132.1529

176.5262,
173.6131, 166.8528

■ 14.9289, 13.4394,
10.8240

■ 14.9289, 13.4394,
10.8240

■ 13.5445, 11.4453,
7.9740

■ 16.5462, 15.7460,
14.2239

■ 12.3810, 9.7484,
5.6440

■ 18.4054, 18.3757,
18.1997

■ 11.4272, 8.3348,
3.8029

■ 20.5163, 21.3411,
22.7767

■ 10.6702, 7.1890,
2.4154

■ 22.8879, 24.6536,
27.9786

■ 10.0958, 6.2939,
1.4418

■ 25.5289, 28.3237,
33.8275

■ 9.6874, 5.6300,
0.8346

■ 28.4472, 32.3619,
40.3446

■ 9.4772, 5.2885,
0.5213

■ 31.6507, 36.7781,
47.5504

■ 35.1470, 41.5816,
55.4640

■ 38.9432, 46.7818,
64.1042

Harmonies

Analogous

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



15.4440, 13.4394, 13.9363



14.9289, 13.4394, 10.8240



13.8395, 13.4394, 9.0028

Triad

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



14.9289, 13.4394, 10.8240



10.6166, 13.4394, 11.8587



13.0226, 13.4394, 23.0366

Complementary

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



14.9289, 13.4394, 10.8240



15.0423, 17.8030, 23.7625

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.



11.7642, 13.4394, 22.2258



14.9289, 13.4394, 10.8240



10.4305, 13.4394, 15.3530

Square

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



14.9289, 13.4394, 10.8240



11.3633, 13.4394, 9.5249



10.8367, 13.4394, 19.2453



14.2963, 13.4394, 21.3030

Rectangle

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



14.9289, 13.4394, 10.8240



12.9658, 13.4394, 8.5614



10.8367, 13.4394, 19.2453



12.5836, 13.4394, 23.0557

Sweetspot

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



14.9293, 13.4400, 10.8243



33.4270, 33.7884, 34.2387



16.2238, 13.0062, 20.5752



7.4710, 7.5140, 7.5443



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.



14.9293, 13.4400, 10.8243



24.3484, 20.8731, 15.0524



17.0512, 17.6840, 11.5316



4.3800, 4.4487, 4.5480



9.0909, 5.0783, 0.5011



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0423, 17.8030, 23.7625



24.5743, 29.8315, 41.6553



12.7161, 13.1506, 22.9871



4.3887, 4.7714, 5.5029



9.0934, 12.0054, 22.0879



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9289, 13.4394, 10.8240 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 14.9289, 13.4394, 10.8240 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 14.9289, 13.4394, 10.8240

Background



This preview shows how black text looks on a background with the XYZ color 14.9289, 13.4394, 10.8240.



This preview shows how white text looks on a background with the XYZ color 14.9289, 13.4394,

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

14.9289, 13.4394, 10.8240

Protanopia

12.8020, 13.5816, 11.8443

Deuteranopia

13.7493, 13.5175, 10.6886



Tritanopia

15.4394, 13.3804, 13.5733

Trichromacy



Original Color

14.9289, 13.4394, 10.8240

Protanomaly

13.4729, 13.4974, 11.5680

Deuteranomaly

14.1228, 13.4322, 10.6524

Tritanomaly

15.3400, 13.4802, 12.6199

Monochromacy



Original Color

14.9289, 13.4394, 10.8240

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5718, 13.5069, 13.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9289, 13.4394, 10.8240 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(130, 94, 87)` looks like.

```
.text, #text, p{  
    color:rgb(130, 94, 87)  
}
```

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(130, 94, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 94, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.9289, 13.4394, 10.8240 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(130, 94, 87) }
```


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

```
.border{ border-color:rgb(130, 94, 87) }
```

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

Here you see how a box with a 4 pixel rgb(130, 94, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 94, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 94, 87);  
box-shadow:4px 4px 4px 4px rgb(130, 94,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9289, 13.4394, 10.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 94, 87) }
```

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

```
.background{ background-color: rgb(130, 94,  
87) }
```

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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