

Converting Colors

XYZ(14.2167, 12.9169, 9.6473)

Have a look what the booklet for
XYZ(14.2167, 12.9169, 9.6473)
contains.

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Color

**XYZ(14.3394, 13.0271,
9.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	805D52
RGB	128, 93, 82
RGB Percent	50%, 36%, 32%
CMY	0.4980, 0.6353, 0.6784
CMYK	0.00, 0.27, 0.36, 0.50
HSL	14°, 22%, 41%
HSV	14°, 36%, 50%
XYZ	14.3394, 13.0271, 9.7414
YIQ	102.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

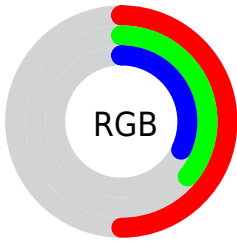
Format	Color
R_{YB}	128, 96, 82
Decimal	8412498
CIE _{Lab}	42.80, 12.71, 11.94
CIE _{LCh}	43, 17.435, 43.202
Yxy	13.0271, 0.3864, 0.3511
Android (android.graphics.Color)	4286602578 (0xFF805D52)
YUV	102.2110, -9.9640, 22.6170
Hunter-Lab	36.0931, 7.7533, 9.2630

Details

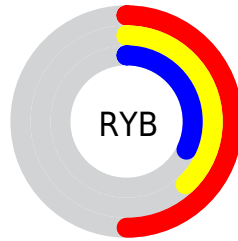
The XYZ color **14.3394, 13.0271, 9.7414** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.7370, 16.0743, 22.8006**, and the grayscale version is **12.7056, 13.3673, 14.5570**.

A 20% lighter version of the original color is **33.2106, 31.2287, 25.7501**, and **4.4110, 3.7444, 2.2405** is the 20% darker color. If you saturate the color by 10%, you get **13.0961, 11.2485, 7.1439**, and if you desaturate by 10%, it is **15.7832, 15.0610, 12.8543**.

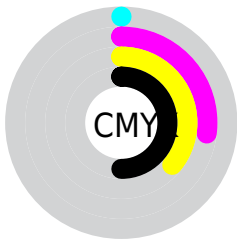
Distribution



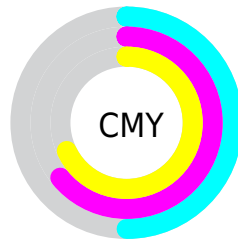
- Red (50%)
- Green (36%)
- Blue (32%)



- Red (50%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3394, 13.0271, 9.7414 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 14.3394, 13.0271, 9.7414 by changing the saturation by 10% instead.


 14.3394, 13.0271,
9.7414


 14.3394, 13.0271,
9.7414


212.8008,
211.0913, 199.2336


 8.4404, 7.4472,
5.1245


 33.2713, 31.3525,
25.9081

 4.4322, 3.7433,
2.2605


 47.0349, 44.8667,
38.2950

 1.9494, 1.5310,
0.7089

 64.1507, 61.7946,
54.1089

 0.6053, 0.3104,
0.0000

 84.9841, 82.5204,
73.7685

 0.0000, 0.0000,
0.0000

 109.9005,
107.4286, 97.6922

139.2651,

136.9035, 126.2986

173.4434,
171.3296, 160.0062

■ 14.3394, 13.0271,
9.7414

■ 14.3394, 13.0271,
9.7414

■ 13.0961, 11.2485,
7.1439

■ 15.7832, 15.0610,
12.8543

■ 12.0430, 9.7133,
5.0331

■ 17.4349, 17.3580,
16.5078

■ 11.1707, 8.4110,
3.3785

■ 19.3030, 19.9278,
20.7262

■ 10.4683, 7.3301,
2.1457

■ 21.3950, 22.7790,
25.5323

■ 9.9236, 6.4576,
1.2957

■ 23.7181, 25.9199,
30.9474

■ 9.5191, 5.7777,
0.7629

■ 26.2793, 29.3584,
36.9920

■ 9.3821, 5.5492,
0.5766

■ 29.0850, 33.1022,
43.6854

■ 32.1418, 37.1585,
51.0462

■ 35.4556, 41.5345,
59.0923

Harmonies

Analogous

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



15.0398, 13.0271, 12.5779



14.3394, 13.0271, 9.7414



13.1351, 13.0271, 8.2688

Triad

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



14.3394, 13.0271, 9.7414



10.0933, 13.0271, 12.1728



12.9746, 13.0271, 22.5680

Complementary

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



14.3394, 13.0271, 9.7414



13.7370, 16.0743, 22.8006

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.



11.6580, 13.0271, 22.4064



14.3394, 13.0271, 9.7414



10.0571, 13.0271, 15.9220

Square

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



14.3394, 13.0271, 9.7414



10.7138, 13.0271, 9.4908



10.6111, 13.0271, 19.8067



14.2147, 13.0271, 20.2152

Rectangle

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



14.3394, 13.0271, 9.7414



12.2397, 13.0271, 8.0607



10.6111, 13.0271, 19.8067



12.5251, 13.0271, 22.8169

Sweetspot

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



14.3397, 13.0277, 9.7417



32.1892, 32.6199, 32.4169



15.1460, 11.9145, 18.4134



7.4517, 7.5207, 7.3989



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.



14.3397, 13.0277, 9.7417



23.4573, 20.3806, 13.3999



16.6398, 17.6278, 10.5083



4.4049, 4.4984, 4.5562



9.3040, 5.5044, 0.5721



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7370, 16.0743, 22.8006



22.2256, 26.5497, 39.9095



11.4025, 11.4054, 22.0225



4.3620, 4.7180, 5.4940



8.1384, 10.0953, 21.7696



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3394, 13.0271, 9.7414 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 14.3394, 13.0271, 9.7414 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 14.3394, 13.0271, 9.7414

Background



This preview shows how black text looks on a background with the XYZ color 14.3394, 13.0271, 9.7414.



This preview shows how white text looks on a background with the XYZ color 14.3394, 13.0271,

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

14.3394, 13.0271, 9.7414

Protanopia

12.3968, 13.1050, 10.6802

Deuteranopia

13.2311, 12.9950, 9.5955



Tritanopia

15.1516, 13.1098, 13.2871

Trichromacy



Original Color

14.3394, 13.0271, 9.7414

Protanomaly

13.0776, 13.0361, 10.4213

Deuteranomaly

13.6941, 13.0974, 9.5909

Tritanomaly

14.8122, 13.0941, 11.8719

Monochromacy



Original Color

14.3394, 13.0271, 9.7414

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0829, 13.1294, 12.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3394, 13.0271, 9.7414 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, 93, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 93, 82)  
}
```

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, 93, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 93, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.3394, 13.0271, 9.7414 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, 93, 82) }
```


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

```
.border{ border-color:rgb(128, 93, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 93, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 93, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 93, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 93,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3394, 13.0271, 9.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 93, 82) }
```

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

```
.background{ background-color: rgb(128, 93,  
82) }
```

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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