

Converting Colors

XYZ(13.4428, 10.8378, 12.8983)

Have a look what the booklet for
XYZ(13.4428, 10.8378, 12.8983)
contains.

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Color

**XYZ(13.4580, 10.8338,
12.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4F62
RGB	125, 79, 98
RGB Percent	49%, 31%, 38%
CMY	0.5098, 0.6902, 0.6157
CMYK	0.00, 0.37, 0.22, 0.51
HSL	335°, 23%, 40%
HSV	335°, 37%, 49%
XYZ	13.4580, 10.8338, 12.9371
YIQ	94.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

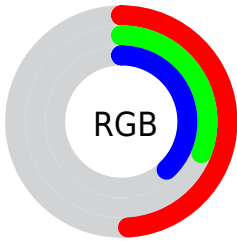
Format	Color
R_{YB}	125, 79, 98
Decimal	8212322
CIE _{Lab}	39.30, 22.25, -2.98
CIE _{LCh}	39, 22.446, 352.371
Yxy	10.8338, 0.3615, 0.2910
Android (android.graphics.Color)	4286402402 (0xFF7D4F62)
YUV	94.9200, 1.5184, 26.3802
Hunter-Lab	32.9147, 15.3833, -0.2635

Details

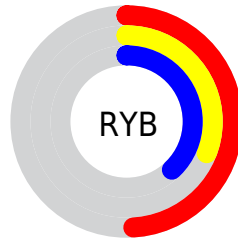
The XYZ color **13.4580, 10.8338, 12.9371** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.1600, 17.3703, 16.2957**, and the grayscale version is **10.8513, 11.4164, 12.4325**.

A 20% lighter version of the original color is **31.8655, 27.4541, 32.0535**, and **4.0653, 2.8315, 3.5811** is the 20% darker color. If you saturate the color by 10%, you get **12.3090, 9.0650, 10.9225**, and if you desaturate by 10%, it is **14.8089, 12.9554, 15.1760**.

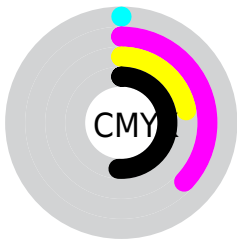
Distribution



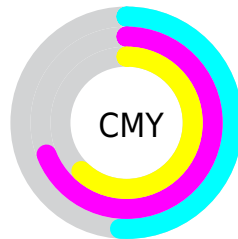
- Red (49%)
- Green (31%)
- Blue (38%)



- Red (49%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4580, 10.8338, 12.9371 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 13.4580, 10.8338, 12.9371 by changing the saturation by 10% instead.

■ 13.4580, 10.8338,
12.9371

■ 13.4580, 10.8338,
12.9371

207.4112,
196.5237, 221.7078

■ 7.8238, 5.9552,
7.2550

■ 31.7185, 27.3524,
31.8803

■ 4.0333, 2.8178,
3.5412

■ 45.0756, 39.7612,
45.9784

■ 1.7210, 1.0374,
1.3772

■ 61.7378, 55.4489,
63.7191

■ 0.4694, 0.0000,
0.1238

■ 82.0703, 74.7998,
85.5207

■ 0.0000, 0.0000,
0.0000

■ 106.4385, 98.1983,
111.8018

135.2079,

126.0289, 142.9810

168.7437,
158.6759, 179.4768

■ 13.4580, 10.8338,
12.9371

■ 13.4580, 10.8338,
12.9371

■ 12.3090, 9.0650,
10.9225

■ 14.8089, 12.9554,
15.1760

■ 11.3507, 7.6282,
9.1239

■ 16.3705, 15.4463,
17.6457

■ 10.5720, 6.5025,
7.5333

■ 18.1520, 18.3235,
20.3534

■ 9.9603, 5.6642,
6.1420

■ 20.1618, 21.6029,
23.3056

■ 9.5011, 5.0860,
4.9402

■ 22.4079, 25.2990,
26.5086

■ 9.1662, 4.7130,
3.9137

■ 24.8980, 29.4261,
29.9685

■ 9.0689, 4.6045,
3.6156

■ 27.6392, 33.9974,
33.6910

■ 30.6384, 39.0257,
37.6818

■ 33.9024, 44.5233,
41.9464

Harmonies

Analogous

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



12.7772, 10.8338, 17.6489



13.4580, 10.8338, 12.9371



13.2284, 10.8338, 8.9009

Triad

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



13.4580, 10.8338, 12.9371



9.2292, 10.8338, 5.6474



8.6213, 10.8338, 19.7012

Complementary

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



13.4580, 10.8338, 12.9371



13.1600, 17.3703, 16.2957

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.



7.8346, 10.8338, 15.2597



13.4580, 10.8338, 12.9371



8.1608, 10.8338, 7.4056

Square

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



13.4580, 10.8338, 12.9371



10.6882, 10.8338, 5.3155



7.6746, 10.8338, 10.7244



9.9158, 10.8338, 22.1304

Rectangle

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



13.4580, 10.8338, 12.9371



12.5994, 10.8338, 7.0251



7.6746, 10.8338, 10.7244



8.2941, 10.8338, 18.3489

Sweetspot

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



13.4583, 10.8343, 12.9373



31.0305, 30.4231, 34.2278



12.4222, 10.1272, 20.7020



6.9805, 6.7945, 7.6673



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.



13.4583, 10.8343, 12.9373



22.3742, 16.7387, 20.1567



12.9496, 11.0861, 8.8551



4.3957, 4.3714, 4.8882



9.4618, 4.8044, 3.7558



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4583, 10.8343, 12.9373



22.3742, 16.7387, 20.1567



13.7841, 16.8584, 21.9295



4.3957, 4.3714, 4.8882



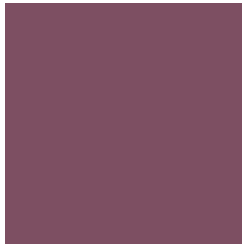
9.4618, 4.8044, 3.7558



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.4580, 10.8338, 12.9371 looks on a white background.

Color Contrast Check

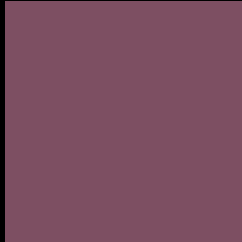
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4580, 10.8338, 12.9371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

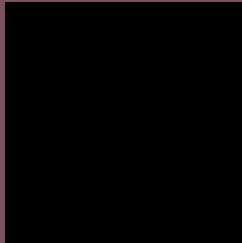
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4580, 10.8338, 12.9371

Background



This preview shows how black text looks on a background with the XYZ color 13.4580, 10.8338, 12.9371.



This preview shows how white text looks on a background with the XYZ color 13.4580, 10.8338,

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

13.4580, 10.8338, 12.9371

Protanopia

10.7430, 10.9190, 15.1770

Deuteranopia

11.1343, 10.9236, 12.5879



Tritanopia

12.9749, 10.8581, 10.4288

Trichromacy



Original Color

13.4580, 10.8338, 12.9371

Protanomaly

11.4499, 10.6792, 14.2898

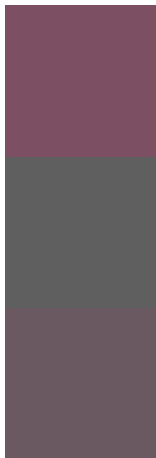
Deuteranomaly

11.9159, 10.8336, 12.7723

Tritanomaly

13.0692, 10.7777, 11.2890

Monochromacy



Original Color

13.4580, 10.8338, 12.9371

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6276, 11.0535, 12.5870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4580, 10.8338, 12.9371 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(125, 79, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 79, 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(125, 79, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 79, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.4580, 10.8338, 12.9371 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(125, 79, 98) }
```


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

```
.border{ border-color:rgb(125, 79, 98) }
```

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

Here you see how a box with a 4 pixel rgb(125, 79, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 79, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 79, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 79,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4580, 10.8338, 12.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 79, 98) }
```

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

```
.background{ background-color: rgb(125, 79,  
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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