

Converting Colors

XYZ(12.5332, 11.4746, 9.3360)

Have a look what the booklet for
XYZ(12.5332, 11.4746, 9.3360)
contains.

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Color

**XYZ(12.5827, 11.4955,
9.3402)**

Conversions

Conversions Part 1	
Format	Color
Hex	775851
RGB	119, 88, 81
RGB Percent	47%, 35%, 32%
CMY	0.5333, 0.6549, 0.6824
CMYK	0.00, 0.26, 0.32, 0.53
HSL	11°, 19%, 39%
HSV	11°, 32%, 47%
XYZ	12.5827, 11.4955, 9.3402
YIQ	96.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

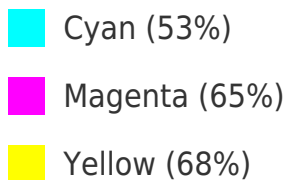
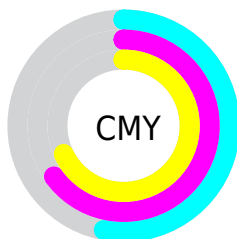
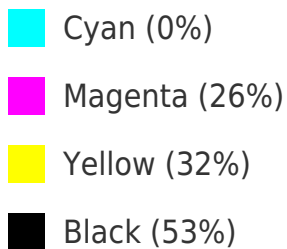
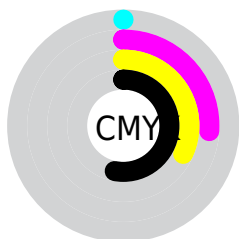
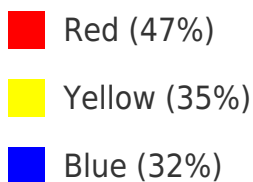
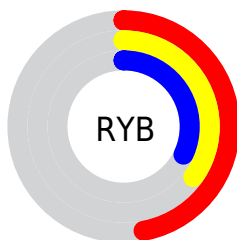
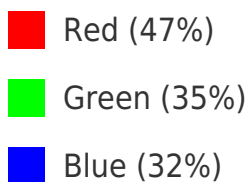
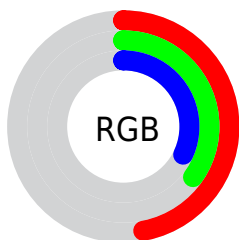
Format	Color
RYB	119, 90, 81
Decimal	7821393
CIELab	40.40, 11.71, 9.04
CIELCh	40, 14.797, 37.662
Yxy	11.4955, 0.3765, 0.3440
Android (android.graphics.Color)	4286011473 (0xFF775851)
YUV	96.4710, -7.6272, 19.7579
Hunter-Lab	33.9050, 6.9105, 7.4002

Details

The XYZ color **12.5827, 11.4955, 9.3402** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.5171, 14.6690, 19.6245**, and the grayscale version is **11.2475, 11.8333, 12.8865**.

A 20% lighter version of the original color is **30.1310, 28.5593, 25.0435**, and **3.6006, 3.0485, 2.0677** is the 20% darker color. If you saturate the color by 10%, you get **11.4306, 9.8439, 6.9442**, and if you desaturate by 10%, it is **13.9198, 13.3918, 12.1840**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 12.5827, 11.4955, 9.3402 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 12.5827, 11.4955, 9.3402 by changing the saturation by 10% instead.


 12.5827, 11.4955,
9.3402


 12.5827, 11.4955,
9.3402


201.9178,
201.0361, 196.2064


 7.2168, 6.4012,
4.8639


 30.1598, 28.5729,
25.1350


 3.6456, 3.0905,
2.1103


 43.1017, 41.3247,
37.2905


 1.5037, 1.1792,
0.6219

 59.2996, 57.3978,
52.8429

 0.3283, 0.0446,
0.0000

 79.1190, 77.1765,
72.2107


 0.0000, 0.0000,
0.0000


 102.9252,
101.0453, 95.8124

131.0834,


129.3886, 124.0666


163.9592,
162.5907, 157.3917


 12.5827, 11.4955,
9.3402


 12.5827, 11.4955,
9.3402


 11.4306, 9.8439,
6.9442


 13.9198, 13.3918,
12.1840


 10.4543, 8.4253,
4.9724


 15.4487, 15.5404,
15.4963


 9.6452, 7.2296,
3.4001

 17.1769, 17.9509,
19.2970


 8.9936, 6.2453,
2.1999


 19.1113, 20.6316,
23.6050


 8.4888, 5.4600,
1.3405


 21.2586, 23.5906,
28.4379


 8.1186, 4.8595,
0.7858

 23.6249, 26.8356,
33.8127

 7.8934, 4.4931,
0.4512

 26.2163, 30.3741,
39.7455

 29.0385, 34.2133,
46.2518

 32.0971, 38.3599,
53.3464

Harmonies

Analogous

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



13.0249, 11.4955, 11.7702



12.5827, 11.4955, 9.3402



11.7020, 11.4955, 7.9408

Triad

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



12.5827, 11.4955, 9.3402



9.1828, 11.4955, 10.4683



11.1943, 11.4955, 19.0758

Complementary

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



12.5827, 11.4955, 9.3402



12.5171, 14.6690, 19.6245

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.



10.1853, 11.4955, 18.5800



12.5827, 11.4955, 9.3402



9.0658, 11.4955, 13.2940

Square

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



12.5827, 11.4955, 9.3402



9.7520, 11.4955, 8.5167



9.4217, 11.4955, 16.3422



12.1910, 11.4955, 17.6062

Rectangle

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



12.5827, 11.4955, 9.3402



11.0077, 11.4955, 7.6319



9.4217, 11.4955, 16.3422



10.8450, 11.4955, 19.1372

Sweetspot

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



12.5830, 11.4960, 9.3404



28.1583, 28.5198, 28.8298



13.4768, 10.9775, 16.7476



6.5935, 6.6474, 6.6580



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



12.5830, 11.4960, 9.3404



21.0477, 18.4610, 13.6271



14.3473, 15.0246, 9.9285



3.7336, 3.8001, 3.8790



8.3805, 4.7622, 0.4775



40.3676, 22.2637, 2.1697

Inverse Universe

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



12.5171, 14.6690, 19.6245



20.9062, 25.0420, 34.9848



10.6405, 10.9159, 18.9990



3.7287, 4.0461, 4.6747



8.0798, 10.4994, 20.1433



38.7961, 50.0087, 97.9682

Previews

White Background



This preview shows how the XYZ color 12.5827, 11.4955, 9.3402 looks on a white background.

Color Contrast Check

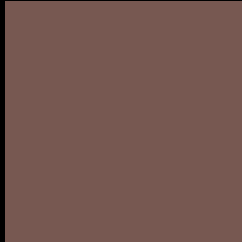
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.5827, 11.4955, 9.3402 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 12.5827, 11.4955, 9.3402

Background



This preview shows how black text looks on a background with the XYZ color 12.5827, 11.4955, 9.3402.

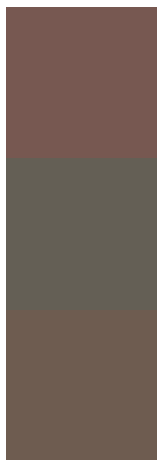


This preview shows how white text looks on a background with the XYZ color 12.5827, 11.4955,

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

12.5827, 11.4955, 9.3402

Protanopia

10.9874, 11.5496, 10.2445

Deuteranopia

11.7055, 11.5485, 9.2015



Tritanopia

13.0493, 11.4390, 11.8761

Trichromacy



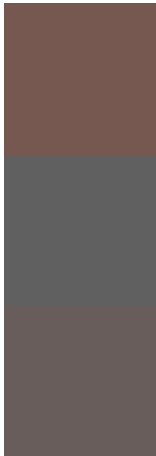
Original Color
12.5827, 11.4955, 9.3402

Protanomaly
11.4908, 11.4202, 9.9862

Deuteranomaly
11.9991, 11.5721, 9.1906

Tritanomaly
12.9571, 11.5307, 10.9939

Monochromacy



Original Color
12.5827, 11.4955, 9.3402

Achromatopsia
11.1181, 11.6971, 12.7381

Achromatomaly
11.5116, 11.5271, 11.5158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5827, 11.4955, 9.3402 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(119, 88, 81) looks like.

```
.text, #text, p{  
    color:rgb(119, 88, 81)  
}
```

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(119, 88, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 88, 81) }
```

Border

The CSS property to change the border of an element to XYZ 12.5827, 11.4955, 9.3402 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(119, 88, 81) }
```


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

```
.border{ border-color:rgb(119, 88, 81) }
```

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

Here you see how a box with a 4 pixel rgb(119, 88, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 88, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 88, 81);  
box-shadow:4px 4px 4px 4px rgb(119, 88,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5827, 11.4955, 9.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 88, 81) }
```

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

```
.background{ background-color: rgb(119, 88,  
81) }
```

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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