

Converting Colors

XYZ(29.3394, 24.7380, 19.4482)

Have a look what the booklet for
XYZ(29.3394, 24.7380, 19.4482)
contains.

XYZ(29.3394, 24.7380, 19.4482)	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(29.3394, 24.7380,
19.4482)**

Conversions

Conversions Part 1

Format	Color
Hex	B77873
RGB	183, 120, 115
RGB Percent	72%, 47%, 45%
CMY	0.2824, 0.5294, 0.5490
CMYK	0.00, 0.34, 0.37, 0.28
HSL	4°, 32%, 58%
HSV	4°, 37%, 72%
XYZ	29.3394, 24.7380, 19.4482
YIQ	138.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

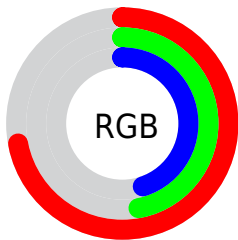
Format	Color
R_{YB}	183, 120, 115
Decimal	12023923
CIE _{Lab}	56.82, 24.04, 12.92
CIE _{LCh}	57, 27.289, 28.249
Yxy	24.7380, 0.3990, 0.3365
Android (android.graphics.Color)	4290214003 (0xFFB77873)
YUV	138.2670, -11.4706, 39.2308
Hunter-Lab	49.7373, 18.2546, 11.6326

Details

The XYZ color **29.3394, 24.7380, 19.4482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.5372, 38.9030, 50.6466**, and the grayscale version is **24.2920, 25.5570, 27.8316**.

A 20% lighter version of the original color is **58.1942, 51.3779, 43.4090**, and **12.1684, 9.5009, 6.5027** is the 20% darker color. If you saturate the color by 10%, you get **26.5275, 20.6355, 13.8212**, and if you desaturate by 10%, it is **32.7226, 29.6485, 26.2975**.

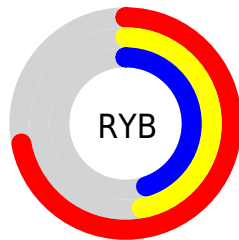
Distribution



Red (72%)

Green (47%)

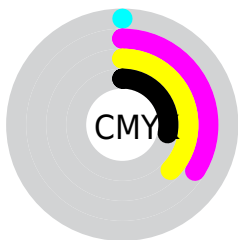
Blue (45%)



Red (72%)

Yellow (47%)

Blue (45%)

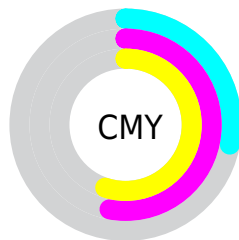


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (28%)



Cyan (28%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3394, 24.7380, 19.4482 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 29.3394, 24.7380, 19.4482 by changing the saturation by 10% instead.

■ 29.3394, 24.7380,
19.4482

■ 29.3394, 24.7380,
19.4482

290.7784,
276.5306, 261.4167

■ 19.4833, 15.8820,
11.8145

■ 58.0097, 51.2319,
43.3368

■ 12.1261, 9.4407,
6.4965

■ 77.5547, 69.6385,
60.4288

■ 6.9024, 5.0297,
3.0756

■ 101.0599, 91.9974,
81.5107

■ 3.4469, 2.2647,
1.1334

128.8908,
118.6931, 107.0010

■ 1.3943, 0.7549,
0.0000

161.4128,
150.1098, 137.3181

■ 0.2521, 0.0000,
0.0000

198.9911,

■ 0.0000, 0.0000,

186.6321, 172.8808

0.0000

241.9912,
228.6442, 214.1075

■ 29.3394, 24.7380,
19.4482

■ 29.3394, 24.7380,
19.4482

■ 26.5275, 20.6355,
13.8212

■ 32.7226, 29.6485,
26.2975

■ 24.2536, 17.2944,
9.3432

■ 36.7043, 35.4032,
34.4337

■ 22.4838, 14.6687,
5.9353


■ 41.3121, 42.0406,
43.9183


■ 21.1794, 12.7061,
3.5081


■ 46.5716, 49.5956,
54.8089


■ 20.2962, 11.3473,
1.9577

■ 52.5067, 58.1013,
67.1593

 19.7779, 10.5206,
1.1376

 59.1401, 67.5892,
81.0208

 19.6784, 10.3672,
0.9639

 66.4937, 78.0892,
96.4421

 73.3384, 88.8073,
107.8839

Harmonies

Analogous

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



30.1908, 24.7380, 27.4756



29.3394, 24.7380, 19.4482



26.8898, 24.7380, 14.5905

Triad

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



29.3394, 24.7380, 19.4482



18.6738, 24.7380, 18.7098



23.3259, 24.7380, 48.5815

Complementary

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



29.3394, 24.7380, 19.4482



31.5372, 38.9030, 50.6466

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.



20.4309, 24.7380, 44.8015



29.3394, 24.7380, 19.4482



17.9001, 24.7380, 26.4025

Square

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



29.3394, 24.7380, 19.4482



20.7278, 24.7380, 14.2369



18.5136, 24.7380, 36.1332



26.5365, 24.7380, 45.5589

Rectangle

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



29.3394, 24.7380, 19.4482



24.7839, 24.7380, 13.1394



18.5136, 24.7380, 36.1332



22.2858, 24.7380, 48.0502

Sweetspot

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



29.3400, 24.7392, 19.4487



70.5310, 70.3167, 71.5249



33.7421, 25.5621, 45.5212



15.3314, 15.1754, 15.2897



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.3400, 24.7392, 19.4487



48.1630, 37.9127, 26.0510



34.1018, 34.2627, 21.0359



9.0563, 9.1155, 9.3891



13.7482, 7.2728, 0.6792



0.5027, 0.2924, 0.0299

Inverse Universe

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



31.5372, 38.9030, 50.6466



52.6819, 67.1064, 90.4119



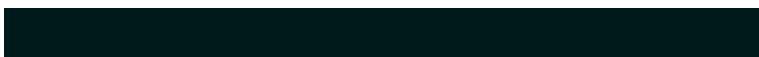
25.6618, 27.1521, 48.6881



9.2086, 10.0944, 11.5425



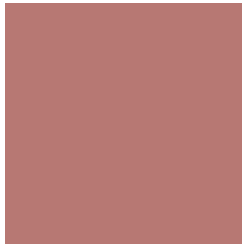
15.9516, 22.3629, 34.7288



0.5793, 0.8222, 1.2299

Previews

White Background



This preview shows how the XYZ color 29.3394, 24.7380, 19.4482 looks on a white background.

Color Contrast Check

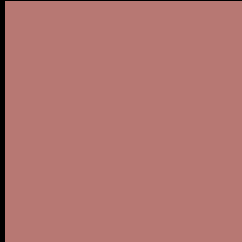
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.3394, 24.7380, 19.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

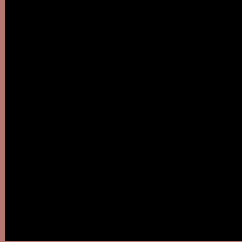
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3394, 24.7380, 19.4482

Background



This preview shows how black text looks on a background with the XYZ color 29.3394, 24.7380, 19.4482.



This preview shows how white text looks on a background with the XYZ color 29.3394, 24.7380,

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

29.3394, 24.7380, 19.4482

Protanopia

23.5346, 24.7892, 22.2833

Deuteranopia

25.1975, 24.6940, 19.0611



Tritanopia

30.0764, 24.6795, 23.2571

Trichromacy



Original Color

29.3394, 24.7380, 19.4482

Protanomaly

25.2774, 24.4894, 21.1640

Deuteranomaly

26.5630, 24.6091, 19.2696

Tritanomaly

29.9391, 24.8141, 21.9505

Monochromacy



Original Color

29.3394, 24.7380, 19.4482

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4720, 24.7143, 24.5469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3394, 24.7380, 19.4482 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(183, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(183, 120, 115)  
}
```

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(183, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 120, 115) }
```

Border

The CSS property to change the border of an element to XYZ 29.3394, 24.7380, 19.4482 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(183, 120, 115) }
```


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

```
.border{ border-color:rgb(183, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(183, 120,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3394, 24.7380, 19.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 120, 115) }
```

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

```
.background{ background-color: rgb(183,  
120, 115) }
```

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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