

Converting Colors

XYZ(28.4593, 24.2776, 19.7091)

Have a look what the booklet for
XYZ(28.4593, 24.2776, 19.7091)
contains.

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Color

**XYZ(28.4593, 24.2776,
19.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	B37874
RGB	179, 120, 116
RGB Percent	70%, 47%, 45%
CMY	0.2980, 0.5294, 0.5451
CMYK	0.00, 0.33, 0.35, 0.30
HSL	4°, 29%, 58%
HSV	4°, 35%, 70%
XYZ	28.4593, 24.2776, 19.7091
YIQ	137.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

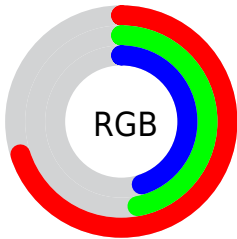
Format	Color
R_{YB}	179, 120, 116
Decimal	11761780
CIE Lab	56.36, 22.59, 11.63
CIE LCh	56, 25.404, 27.248
Yxy	24.2776, 0.3928, 0.3351
Android (android.graphics.Color)	4289951860 (0xFFB37874)
YUV	137.1850, -10.4442, 36.6718
Hunter-Lab	49.2723, 16.8737, 10.7744

Details

The XYZ color **28.4593, 24.2776, 19.7091** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6686, 37.6264, 48.2942**, and the grayscale version is **23.8770, 25.1205, 27.3562**.

A 20% lighter version of the original color is **56.6035, 50.5472, 43.8190**, and **11.6088, 9.2089, 6.6345** is the 20% darker color. If you saturate the color by 10%, you get **25.6742, 20.2162, 14.1292**, and if you desaturate by 10%, it is **31.7992, 29.1274, 26.4642**.

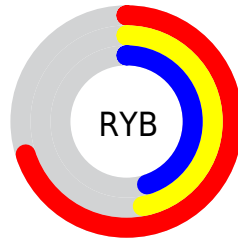
Distribution



Red (70%)

Green (47%)

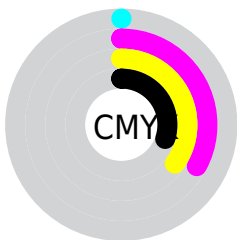
Blue (45%)



Red (70%)

Yellow (47%)

Blue (45%)

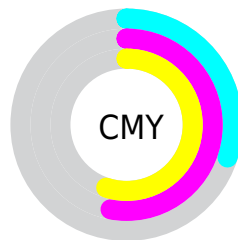


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (30%)



Cyan (30%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4593, 24.2776, 19.7091 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 28.4593, 24.2776, 19.7091 by changing the saturation by 10% instead.


 28.4593, 24.2776,
19.7091


 28.4593, 24.2776,
19.7091


286.6956,
274.2209, 262.8879


 18.8144, 15.5397,
12.0018


 56.6204, 50.4828,
43.7815

 11.6394, 9.1990,
6.6223


 75.8674, 68.7189,
60.9836

 6.5691, 4.8712,
3.1522


 99.0457, 90.8898,
82.1878

 3.2380, 2.1719,
1.1729

126.5208,
117.3800, 107.8125

 1.2809, 0.7046,
0.0000

158.6579,
148.5738, 138.2763

 0.1688, 0.0000,
0.0000

195.8226,

 0.0000, 0.0000,

184.8556, 173.9978

0.0000

238.3800,
226.6099, 215.3955

■ 28.4593, 24.2776,
19.7091

■ 28.4593, 24.2776,
19.7091

■ 25.6742, 20.2162,
14.1292

■ 31.7992, 29.1274,
26.4642

■ 23.4121, 16.8983,
9.6562

■ 35.7198, 34.8004,
34.4549

■ 21.6408, 14.2799,
6.2165


■ 40.2475, 41.3338,
43.7391


■ 20.3237, 12.3107,
3.7276


■ 45.4065, 48.7612,
54.3705


■ 19.4193, 10.9340,
2.0939


■ 51.2199, 57.1146,
66.3999

 18.8778, 10.0830,
1.1982

 57.7095, 66.4242,
79.8755

 18.7145, 9.8318,
0.9114

 64.8960, 76.7192,
94.8431

 72.1154, 87.7537,
107.7450

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



29.1773, 24.2776, 27.2171



28.4593, 24.2776, 19.7091



26.2617, 24.2776, 15.0469

Triad

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



28.4593, 24.2776, 19.7091



18.6507, 24.2776, 18.6255



22.8055, 24.2776, 46.0653

Complementary

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



28.4593, 24.2776, 19.7091



30.6686, 37.6264, 48.2942

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.



20.1573, 24.2776, 42.4725



28.4593, 24.2776, 19.7091



17.8892, 24.2776, 25.6665

Square

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



28.4593, 24.2776, 19.7091



20.5888, 24.2776, 14.5206



18.4168, 24.2776, 34.5376



25.7540, 24.2776, 43.5449

Rectangle

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



28.4593, 24.2776, 19.7091



24.3421, 24.2776, 13.6059



18.4168, 24.2776, 34.5376



21.8529, 24.2776, 45.5177

Sweetspot

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



28.4599, 24.2788, 19.7096



67.0910, 66.8292, 68.0904



32.6576, 25.2034, 44.1402



14.6295, 14.4675, 14.6051



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.4599, 24.2788, 19.7096



47.1321, 37.8876, 27.5991



32.7534, 32.8656, 21.1407



8.5383, 8.5891, 8.8604



13.2424, 6.9834, 0.6500



0.4309, 0.2483, 0.0252

Inverse Universe

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



30.6686, 37.6264, 48.2942



51.6556, 65.2605, 86.2552



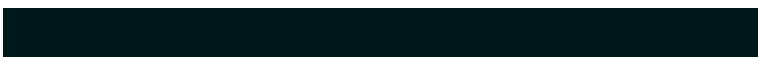
25.3658, 27.0207, 46.5266



8.6955, 9.5372, 10.8889



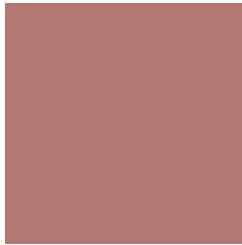
15.6138, 22.0281, 33.5659



0.5051, 0.7207, 1.0607

Previews

White Background



This preview shows how the XYZ color 28.4593, 24.2776, 19.7091 looks on a white background.

Color Contrast Check

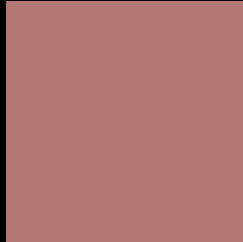
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4593, 24.2776, 19.7091 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 28.4593, 24.2776, 19.7091

Background



This preview shows how black text looks on a background with the XYZ color 28.4593, 24.2776, 19.7091.



This preview shows how white text looks on a background with the XYZ color 28.4593, 24.2776,

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

28.4593, 24.2776, 19.7091

Protanopia

23.2866, 24.4459, 22.5600

Deuteranopia

24.7302, 24.2481, 19.2965



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

28.4593, 24.2776, 19.7091

Protanomaly

24.9514, 24.3143, 21.4672

Deuteranomaly

25.8652, 24.0520, 19.4989

Tritanomaly

28.9944, 24.3270, 21.9063

Monochromacy



Original Color

28.4593, 24.2776, 19.7091

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.0276, 24.4930, 24.1774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4593, 24.2776, 19.7091 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(179, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(179, 120, 116)  
}
```

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(179, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 120, 116) }
```

Border

The CSS property to change the border of an element to XYZ 28.4593, 24.2776, 19.7091 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(179, 120, 116) }
```


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

```
.border{ border-color:rgb(179, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(179, 120,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4593, 24.2776, 19.7091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 120, 116) }
```

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

```
.background{ background-color: rgb(179,  
120, 116) }
```

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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