

Converting Colors

XYZ(28.5802, 24.2983, 13.5396)

Have a look what the booklet for
XYZ(28.5802, 24.2983, 13.5396)
contains.

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Color

**XYZ(28.5802, 24.2983,
13.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	B9775D
RGB	185, 119, 93
RGB Percent	73%, 47%, 36%
CMY	0.2745, 0.5333, 0.6353
CMYK	0.00, 0.36, 0.50, 0.27
HSL	17°, 40%, 55%
HSV	17°, 50%, 73%
XYZ	28.5802, 24.2983, 13.5396
YIQ	135.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

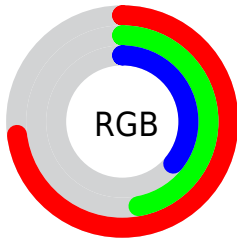
Format	Color
R_{YB}	185, 129, 93
Decimal	12154717
CIE Lab	56.39, 22.97, 24.98
CIE LCh	56, 33.932, 47.396
Yxy	24.2983, 0.4303, 0.3658
Android (android.graphics.Color)	4290344797 (0xFFB9775D)
YUV	135.7700, -21.0856, 43.1747
Hunter-Lab	49.2933, 17.2308, 18.2199

Details

The XYZ color **28.5802, 24.2983, 13.5396** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.6686, 30.6246, 50.4570**, and the grayscale version is **23.3802, 24.5978, 26.7870**.

A 20% lighter version of the original color is **56.7487, 50.5734, 33.1562**, and **11.7366, 9.2447, 3.7506** is the 20% darker color. If you saturate the color by 10%, you get **26.3872, 21.0689, 9.2434**, and if you desaturate by 10%, it is **31.1932, 28.0505, 18.9542**.

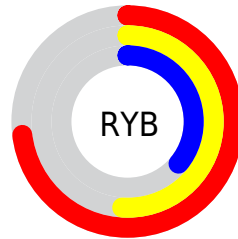
Distribution



Red (73%)

Green (47%)

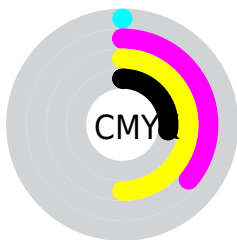
Blue (36%)



Red (73%)

Yellow (51%)

Blue (36%)

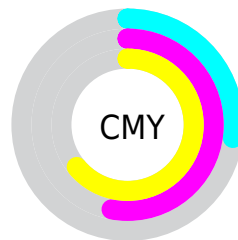


Cyan (0%)

Magenta (36%)

Yellow (50%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5802, 24.2983, 13.5396 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 28.5802, 24.2983, 13.5396 by changing the saturation by 10% instead.


 28.5802, 24.2983,
13.5396


 28.5802, 24.2983,
13.5396

287.2591,
274.3251, 225.6755


 18.9062, 15.5550,
7.6661

 56.8116, 50.5165,
32.9751

 11.7061, 9.2099,
3.7973


 76.0997, 68.7603,
47.3742

 6.6146, 4.8783,
1.5148


 99.3232, 90.9397,
65.4523

 3.2665, 2.1760,
0.2289

 126.8475,
117.4392, 87.6278

 1.2962, 0.7069,
0.0000

159.0378,
148.6431, 114.3193

 0.1804, 0.0000,
0.0000

196.2596,

 0.0000, 0.0000,

184.9357, 145.9454

0.0000

238.8783,
226.7016, 182.9246

■ 28.5802, 24.2983,
13.5396

■ 28.5802, 24.2983,
13.5396

■ 26.3872, 21.0689,
9.2434

■ 31.1932, 28.0505,
18.9542

■ 24.5888, 18.3347,
5.9845

■ 34.2460, 32.3443,
25.5575

■ 23.1593, 16.0709,
3.6732

■ 37.7594, 37.2019,
33.4159

■ 22.0687, 14.2486,
2.2033

■ 41.7520, 42.6430,
42.5900

■ 21.2675, 12.8299,
1.3699

■ 46.2416, 48.6866,
53.1369

■ 21.2486, 12.7964,
1.3500

■ 51.2451, 55.3507,
65.1101

■ 56.7782, 62.6524,
78.5603

■ 62.8564, 70.6084,
93.5356

■ 68.7610, 78.9412,
106.2208

Harmonies

Analogous

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



31.0572, 24.2983, 20.5152



28.5802, 24.2983, 13.5396



24.7784, 24.2983, 10.4907

Triad

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



28.5802, 24.2983, 13.5396



16.4942, 24.2983, 22.0216



25.4216, 24.2983, 52.8544

Complementary

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



28.5802, 24.2983, 13.5396



25.6686, 30.6246, 50.4570

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.



21.4893, 24.2983, 53.5986



28.5802, 24.2983, 13.5396



16.6248, 24.2983, 33.4472

Square

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



28.5802, 24.2983, 13.5396



17.9808, 24.2983, 14.3724



18.3604, 24.2983, 45.7313



29.0968, 24.2983, 43.9182

Rectangle

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



28.5802, 24.2983, 13.5396



22.1384, 24.2983, 10.3080



18.3604, 24.2983, 45.7313



24.0784, 24.2983, 54.1456

Sweetspot

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



28.5808, 24.2995, 13.5401



70.7252, 70.8668, 66.9176



30.3080, 20.6976, 35.8698



14.9308, 14.8457, 13.7025



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.



28.5808, 24.2995, 13.5401



46.8185, 37.0737, 15.7257



35.1754, 37.4888, 15.7383



9.2058, 9.4146, 9.4389



14.5229, 8.8221, 0.9374



0.5663, 0.4197, 0.0512

Inverse Universe

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



25.6686, 30.6246, 50.4570



40.9293, 49.6226, 89.6255



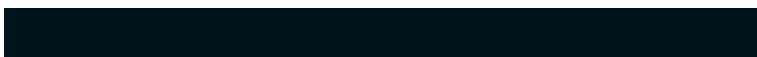
19.3414, 17.9703, 48.3480



9.0464, 9.7699, 11.4884



11.7109, 13.8814, 33.3152



0.4625, 0.5887, 1.1910

Previews

White Background



This preview shows how the XYZ color 28.5802, 24.2983, 13.5396 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 28.5802, 24.2983, 13.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

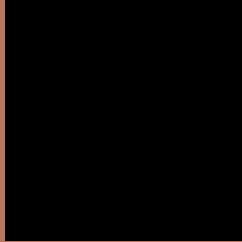
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5802, 24.2983, 13.5396

Background



This preview shows how black text looks on a background with the XYZ color 28.5802, 24.2983, 13.5396.



This preview shows how white text looks on a background with the XYZ color 28.5802, 24.2983,

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

28.5802, 24.2983, 13.5396

Protanopia

22.8183, 24.3590, 15.5557

Deuteranopia

24.7713, 24.4020, 13.3020



Tritanopia

30.1994, 24.2563, 21.8291

Trichromacy



Original Color

28.5802, 24.2983, 13.5396

Protanomaly

24.5051, 24.0372, 14.6573

Deuteranomaly

25.9702, 24.2405, 13.4353

Tritanomaly

29.4197, 24.0997, 18.4304

Monochromacy



Original Color

28.5802, 24.2983, 13.5396

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6992, 24.1914, 21.1369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5802, 24.2983, 13.5396 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(185, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 93)  
}
```

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(185, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.5802, 24.2983, 13.5396 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(185, 119, 93) }
```


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

```
.border{ border-color:rgb(185, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5802, 24.2983, 13.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 119, 93) }
```

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

```
.background{ background-color: rgb(185,  
119, 93) }
```

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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