

Converting Colors

XYZ(27.3307, 23.9746, 6.7089)

Have a look what the booklet for
XYZ(27.3307, 23.9746, 6.7089)
contains.

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Color

**XYZ(27.3899, 24.0136,
6.6815)**

Conversions

Conversions Part 1

Format	Color
Hex	B97836
RGB	185, 120, 54
RGB Percent	73%, 47%, 21%
CMY	0.2745, 0.5294, 0.7882
CMYK	0.00, 0.35, 0.71, 0.27
HSL	30°, 55%, 47%
HSV	30°, 71%, 73%
XYZ	27.3899, 24.0136, 6.6815
YIQ	131.9110, 59.9260, -6.7460

Conversions

Conversions Part 2

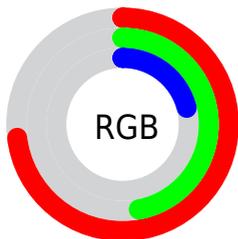
Format	Color
R _Y B	183, 185, 54
Decimal	12154934
CIE Lab	56.10, 19.48, 45.43
CIE LCh	56, 49.426, 66.793
Yxy	24.0136, 0.4715, 0.4134
Android (android.graphics.Color)	4290345014 (0xFFB97836)
YUV	131.9110, -38.4101, 46.5591
Hunter-Lab	49.0037, 14.0136, 26.2186

Details

The XYZ color **27.3899, 24.0136, 6.6815** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.8746, 17.4797, 48.3831**, and the grayscale version is **22.0196, 23.1664, 25.2282**.

A 20% lighter version of the original color is **54.9074, 49.9170, 19.8377**, and **11.0111, 9.0207, 1.1895** is the 20% darker color. If you saturate the color by 10%, you get **25.9839, 21.7697, 4.4619**, and if you desaturate by 10%, it is **29.0681, 26.5377, 9.8073**.

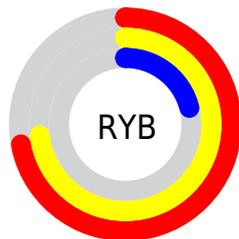
Distribution



Red (73%)

Green (47%)

Blue (21%)



Red (72%)

Yellow (73%)

Blue (21%)

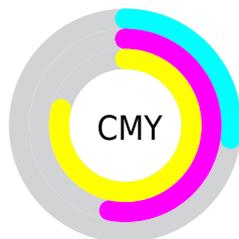


Cyan (0%)

Magenta (35%)

Yellow (71%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3899, 24.0136, 6.6815 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 27.3899, 24.0136, 6.6815 by changing the saturation by 10% instead.

 27.3899, 24.0136,
6.6815

 27.3899, 24.0136,
6.6815

281.6733,
272.8892, 174.5196

 18.0044, 15.3437,
3.1883

 54.9244, 50.0524,
19.8314

 11.0528, 9.0610,
1.1916

 73.8040, 68.1901,
30.3252

 6.1699, 4.7810,
0.0000

 96.5791, 90.2525,
43.9896

 2.9903, 2.1193,
0.0000

 123.6150,
116.6240, 61.2431

 1.1486, 0.6755,
0.0000

 155.2770,
147.6891, 82.5043

 0.0652, 0.0000,
0.0000

 191.9304,

 0.0000, 0.0000,

183.8320, 108.1918

0.0000

233.9408,
225.4373, 138.7241

■ 27.3899, 24.0136,
6.6815

■ 27.3899, 24.0136,
6.6815

■ 25.9839, 21.7697,
4.4619

■ 29.0681, 26.5377,
9.8073

■ 24.8255, 19.7884,
3.0415

■ 31.0364, 29.3508,
13.9274

■ 23.9405, 18.1803,
2.2473

■ 33.3130, 32.4654,
19.1207

■ 35.9135, 35.8921,
25.4577

■ 38.8527, 39.6408,
33.0028

■ 42.1441, 43.7210,
41.8158

■ 45.8007, 48.1415,
51.9521

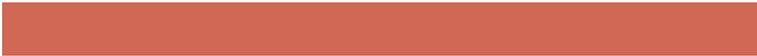
■ 49.8345, 52.9110,
63.4642

■ 54.2570, 58.0377,
76.4015

Harmonies

Analogous

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



32.7025, 24.0136, 11.5629



27.3899, 24.0136, 6.6815



21.5603, 24.0136, 5.7958

Triad

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



27.3899, 24.0136, 6.6815



13.6287, 24.0136, 30.0117



29.9872, 24.0136, 59.9174

Complementary

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



27.3899, 24.0136, 6.6815



16.8746, 17.4797, 48.3831

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.



24.1366, 24.0136, 70.9503



27.3899, 24.0136, 6.6815



15.1672, 24.0136, 49.6264

Square

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



27.3899, 24.0136, 6.6815



14.2073, 24.0136, 15.6821



18.7964, 24.0136, 66.5606



34.3670, 24.0136, 40.4623

Rectangle

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



27.3899, 24.0136, 6.6815



18.2590, 24.0136, 7.0191



18.7964, 24.0136, 66.5606



28.0932, 24.0136, 65.0349

Sweetspot

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



27.3905, 24.0148, 6.6819



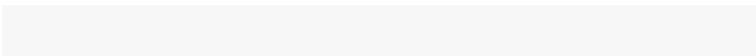
69.2888, 70.6239, 58.3308



24.6866, 14.2967, 19.0692



14.6156, 14.8186, 11.7377



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.



27.3905, 24.0148, 6.6819



45.3278, 36.9532, 6.4091



38.0221, 45.2782, 10.2258



9.3685, 9.7399, 9.4931



16.3744, 12.5253, 1.5546



0.6391, 0.5652, 0.0754

Inverse Universe

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



16.8746, 17.4797, 48.3831



25.3613, 24.5510, 85.6068



11.5976, 6.9256, 46.6241



8.8792, 9.4357, 11.4327



8.6289, 7.7174, 32.2879



0.3661, 0.3959, 1.1589

Previews

White Background



This preview shows how the XYZ color 27.3899, 24.0136, 6.6815 looks on a white background.

Color Contrast Check

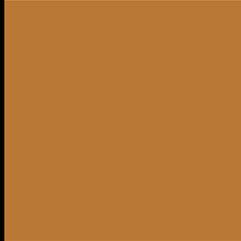
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3899, 24.0136, 6.6815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

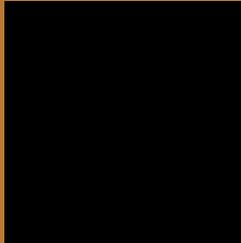
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3899, 24.0136, 6.6815

Background



This preview shows how black text looks on a background with the XYZ color 27.3899, 24.0136, 6.6815.



This preview shows how white text looks on a background with the XYZ color 27.3899, 24.0136,

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

27.3899, 24.0136, 6.6815

Protanopia

22.0054, 24.1175, 7.4983

Deuteranopia

24.4875, 24.0111, 6.5928



Tritanopia

30.3426, 24.0095, 21.1242

Trichromacy



Original Color

27.3899, 24.0136, 6.6815

Protanomaly

23.8254, 24.0472, 7.2567

Deuteranomaly

25.4318, 23.9229, 6.6454

Tritanomaly

29.1421, 24.0452, 14.4145

Monochromacy



Original Color

27.3899, 24.0136, 6.6815

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9804, 23.0171, 16.3283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3899, 24.0136, 6.6815 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, 120, 54)` looks like.

```
.text, #text, p{  
    color:rgb(185, 120, 54)  
}
```

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, 120, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 120, 54) }
```

Border

The CSS property to change the border of an element to XYZ 27.3899, 24.0136, 6.6815 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, 120, 54) }
```

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

```
.border{ border-color:rgb(185, 120, 54) }
```

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

Here you see how a box with a 4 pixel rgb(185, 120, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 120, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 120, 54);  
box-shadow:4px 4px 4px 4px rgb(185, 120,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3899, 24.0136, 6.6815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 120, 54) }
```

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

```
.background{ background-color: rgb(185,  
120, 54) }
```

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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