

Converting Colors

XYZ(27.6130, 24.2772, 13.9055)

Have a look what the booklet for
XYZ(27.6130, 24.2772, 13.9055)
contains.

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Color

**XYZ(27.5703, 24.3109,
13.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	B37A5E
RGB	179, 122, 94
RGB Percent	70%, 48%, 37%
CMY	0.2980, 0.5215, 0.6314
CMYK	0.00, 0.32, 0.47, 0.30
HSL	20°, 36%, 54%
HSV	20°, 47%, 70%
XYZ	27.5703, 24.3109, 13.8290
YIQ	135.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

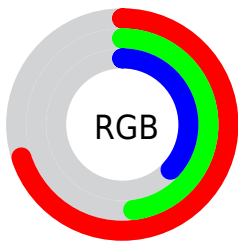
Format	Color
RYB	179, 136, 94
Decimal	11762270
CIELab	56.40, 18.92, 24.29
CIElCh	56, 30.792, 52.081
Yxy	24.3109, 0.4196, 0.3700
Android (android.graphics.Color)	4289952350 (0xFFB37A5E)
YUV	135.8510, -20.6325, 37.8417
Hunter-Lab	49.3061, 13.5255, 17.8850

Details

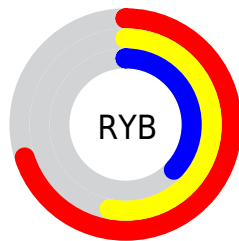
The XYZ color **27.5703, 24.3109, 13.8290** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.8188, 27.7663, 46.7518**, and the grayscale version is **23.4100, 24.6291, 26.8211**.

A 20% lighter version of the original color is **55.3659, 50.7088, 33.6577**, and **11.2078, 9.2554, 3.8851** is the 20% darker color. If you saturate the color by 10%, you get **25.4745, 21.2592, 9.6167**, and if you desaturate by 10%, it is **30.0356, 27.8036, 19.0839**.

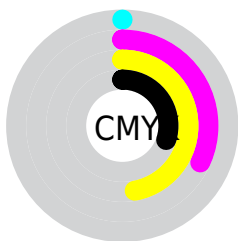
Distribution



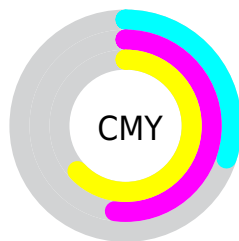
- Red (70%)
- Green (48%)
- Blue (37%)



- Red (70%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (30%)



- Cyan (30%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5703, 24.3109, 13.8290 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 27.5703, 24.3109, 13.8290 by changing the saturation by 10% instead.

■ 27.5703, 24.3109,
13.8290

■ 27.5703, 24.3109,
13.8290

282.5254,
274.3885, 227.5557

■ 18.1408, 15.5644,
7.8644

■ 55.2111, 50.5371,
33.4981

■ 11.1514, 9.2164,
3.9218

■ 74.1532, 68.7855,
48.0396

■ 6.2368, 4.8826,
1.5825

■ 96.9967, 90.9701,
66.2773

■ 3.0316, 2.1786,
0.2783

■ 124.1072,
117.4752, 88.6296

■ 1.1705, 0.7083,
0.0000

155.8500,
148.6852, 115.5150

■ 0.0829, 0.0000,
0.0000

192.5904,

■ 0.0000, 0.0000,

184.9845, 147.3522

0.0000

234.6937,
226.7575, 184.5596

■ 27.5703, 24.3109,
13.8290

■ 27.5703, 24.3109,
13.8290

■ 25.4745, 21.2592,
9.6167

■ 30.0356, 27.8036,
19.0839

■ 23.7268, 18.6265,
6.3746

■ 32.8867, 31.7509,
25.4443

■ 22.3060, 16.3940,
4.0231


■ 36.1410, 36.1704,
32.9698


■ 21.1875, 14.5400,
2.4693


■ 39.8143, 41.0774,
41.7151

■ 20.3372, 13.0379,
1.5739


■ 43.9215, 46.4867,
51.7315

 20.1530, 12.7089,
1.3909

 48.4766, 52.4124,
63.0675

 53.4931, 58.8678,
75.7689

 58.9839, 65.8661,
89.8793

 64.9451, 73.4132,
105.3549

Harmonies

Analogous

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



30.0423, 24.3109, 19.7681



27.5703, 24.3109, 13.8290



24.0620, 24.3109, 11.4224

Triad

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



27.5703, 24.3109, 13.8290



16.9725, 24.3109, 23.8624



25.7747, 24.3109, 49.0885

Complementary

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



27.5703, 24.3109, 13.8290



23.8188, 27.7663, 46.7518

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.



22.1772, 24.3109, 50.9996



27.5703, 24.3109, 13.8290



17.3304, 24.3109, 34.5385

Square

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



27.5703, 24.3109, 13.8290



18.1199, 24.3109, 16.1648



19.1530, 24.3109, 45.1266



28.9337, 24.3109, 40.4261

Rectangle

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



27.5703, 24.3109, 13.8290



21.7045, 24.3109, 11.5641



19.1530, 24.3109, 45.1266



24.5682, 24.3109, 50.6180

Sweetspot

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



27.5709, 24.3121, 13.8295



66.7816, 67.5386, 63.8927



28.2675, 19.8590, 32.0849



14.4941, 14.5588, 13.4434



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.



27.5709, 24.3121, 13.8295



45.4610, 37.8329, 16.9076



33.7821, 36.7345, 15.8999



8.7175, 8.9475, 8.9201



14.2950, 9.0885, 1.0008



0.5045, 0.3955, 0.0497

Inverse Universe

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



23.8188, 27.7663, 46.7518



37.8884, 44.6947, 83.0112



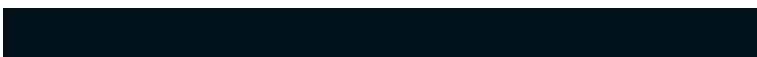
18.2840, 16.6967, 44.9068



8.5020, 9.1503, 10.8244



10.5596, 11.9195, 31.8811



0.3829, 0.4763, 1.0200

Previews

White Background



This preview shows how the XYZ color 27.5703, 24.3109, 13.8290 looks on a white background.

Color Contrast Check

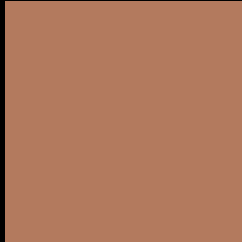
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5703, 24.3109, 13.8290 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 27.5703, 24.3109, 13.8290

Background



This preview shows how black text looks on a background with the XYZ color 27.5703, 24.3109, 13.8290.



This preview shows how white text looks on a background with the XYZ color 27.5703, 24.3109,

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

27.5703, 24.3109, 13.8290

Protanopia

22.8183, 24.3590, 15.5557

Deuteranopia

24.8147, 24.4194, 13.5307



Tritanopia

29.5357, 24.4083, 22.8932

Trichromacy



Original Color

27.5703, 24.3109, 13.8290

Protanomaly

24.2878, 24.1162, 14.9301

Deuteranomaly

25.7136, 24.2939, 13.6899

Tritanomaly

28.6901, 24.2323, 19.0848

Monochromacy



Original Color

27.5703, 24.3109, 13.8290

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5164, 24.2885, 21.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5703, 24.3109, 13.8290 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, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(179, 122, 94)  
}
```

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, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 122, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.5703, 24.3109, 13.8290 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, 122, 94) }
```


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

```
.border{ border-color:rgb(179, 122, 94) }
```

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

Here you see how a box with a 4 pixel rgb(179, 122, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(179, 122,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5703, 24.3109, 13.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 122, 94) }
```

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

```
.background{ background-color: rgb(179,  
122, 94) }
```

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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