

Converting Colors

XYZ(27.4914, 24.8600, 9.3778)

Have a look what the booklet for
XYZ(27.4914, 24.8600, 9.3778)
contains.

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Color

**XYZ(27.5270, 24.9459,
9.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	B57D47
RGB	181, 125, 71
RGB Percent	71%, 49%, 28%
CMY	0.2902, 0.5098, 0.7216
CMYK	0.00, 0.31, 0.61, 0.29
HSL	29°, 44%, 49%
HSV	29°, 61%, 71%
XYZ	27.5270, 24.9459, 9.3254
YIQ	135.5880, 50.7100, -4.9220

Conversions

Conversions Part 2

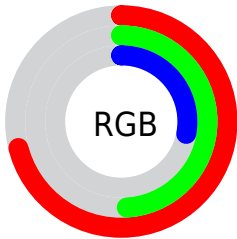
Format	Color
RYB	181, 177, 71
Decimal	11894087
CIELab	57.02, 16.06, 37.74
CIElCh	57, 41.015, 66.955
Yxy	24.9459, 0.4454, 0.4037
Android (android.graphics.Color)	4290084167 (0xFFB57D47)
YUV	135.5880, -31.8419, 39.8263
Hunter-Lab	49.9459, 10.9726, 23.8921

Details

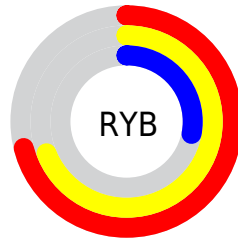
The XYZ color **27.5270, 24.9459, 9.3254** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.5280, 19.8536, 46.5715**, and the grayscale version is **23.3502, 24.5662, 26.7526**.

A 20% lighter version of the original color is **55.3068, 51.7465, 25.1623**, and **11.0615, 9.5199, 2.1187** is the 20% darker color. If you saturate the color by 10%, you get **25.9177, 22.5225, 6.3375**, and if you desaturate by 10%, it is **29.4188, 27.6574, 13.2614**.

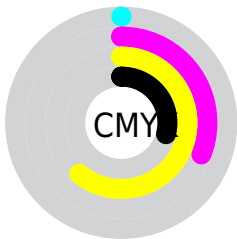
Distribution



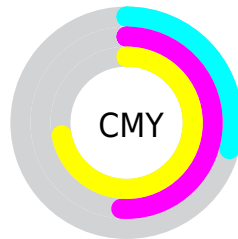
- Red (71%)
- Green (49%)
- Blue (28%)



- Red (71%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5270, 24.9459, 9.3254 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 27.5270, 24.9459, 9.3254 by changing the saturation by 10% instead.


 27.5270, 24.9459,
9.3254


 27.5270, 24.9459,
9.3254

282.3210,
277.5684, 196.0937


 18.1080, 16.0368,
4.8543


 55.1423, 51.5694,
25.1063

 11.1277, 9.5502,
2.1048


 74.0694, 70.0526,
37.2533

 6.2207, 5.1017,
0.6186


 96.8966, 92.4960,
52.7959

 3.0217, 2.3071,
0.0000

 123.9892,
119.2838, 72.1528

 1.1652, 0.7775,
0.0000

 155.7125,
150.8006, 95.7425

 0.0787, 0.0000,
0.0000

192.4321,

 0.0000, 0.0000,

187.4307, 123.9835

0.0000

234.5131,
229.5585, 157.2944

■ 27.5270, 24.9459,
9.3254

■ 27.5270, 24.9459,
9.3254

■ 25.9177, 22.5225,
6.3375

■ 29.4188, 27.6574,
13.2614

■ 24.5701, 20.3714,
4.2118

■ 31.6079, 30.6645,
18.2184

■ 23.4632, 18.4800,
2.8485

■ 34.1104, 33.9790,
24.2639

■ 22.6169, 16.9455,
2.0788

■ 36.9401, 37.6105,
31.4588

■ 40.1102, 41.5684,
39.8599

■ 43.6330, 45.8616,
49.5197

■ 47.5202, 50.4985,
60.4881

■ 51.7829, 55.4873,
72.8118

■ 56.4317, 60.8358,
86.5356

Harmonies

Analogous

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



31.9154, 24.9459, 14.1243



27.5270, 24.9459, 9.3254



22.6056, 24.9459, 8.4139

Triad

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



27.5270, 24.9459, 9.3254



15.6483, 24.9459, 30.5047



29.7307, 24.9459, 54.3766

Complementary

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



27.5270, 24.9459, 9.3254



18.5280, 19.8536, 46.5715

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.



24.8505, 24.9459, 62.9522



27.5270, 24.9459, 9.3254



17.0479, 24.9459, 46.4506

Square

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



27.5270, 24.9459, 9.3254



16.1628, 24.9459, 18.0391



20.2638, 24.9459, 59.6439



33.3034, 24.9459, 38.9349

Rectangle

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



27.5270, 24.9459, 9.3254



19.7520, 24.9459, 9.7057



20.2638, 24.9459, 59.6439



28.1650, 24.9459, 58.3601

Sweetspot

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



27.5276, 24.9471, 9.3259



67.5051, 69.0572, 59.8570



25.1947, 15.8845, 22.1029



14.2530, 14.5002, 12.0572



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.



27.5276, 24.9471, 9.3259



45.5351, 38.9555, 9.8721



36.3468, 42.5856, 12.2656



8.8293, 9.1712, 8.9574



15.6608, 11.8201, 1.4561



0.5512, 0.4888, 0.0653

Inverse Universe

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



18.5280, 19.8536, 46.5715



27.9991, 29.0225, 82.4208



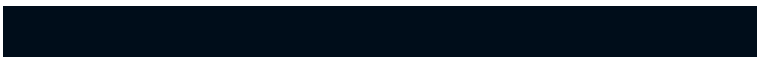
13.3108, 9.4192, 44.8324



8.3876, 8.9214, 10.7863



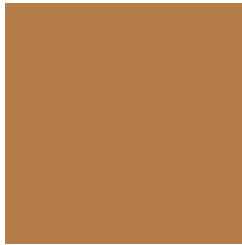
8.4660, 7.7323, 31.1833



0.3246, 0.3597, 1.0006

Previews

White Background



This preview shows how the XYZ color 27.5270, 24.9459, 9.3254 looks on a white background.

Color Contrast Check

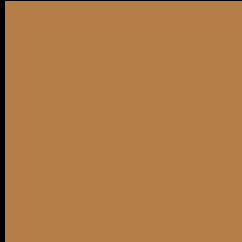
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5270, 24.9459, 9.3254 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 27.5270, 24.9459, 9.3254

Background



This preview shows how black text looks on a background with the XYZ color 27.5270, 24.9459, 9.3254.



This preview shows how white text looks on a background with the XYZ color 27.5270, 24.9459,

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

27.5270, 24.9459, 9.3254

Protanopia

22.9782, 24.9786, 10.2669

Deuteranopia

25.5840, 25.1098, 9.2926



Tritanopia

30.3168, 24.8035, 23.2684

Trichromacy



Original Color

27.5270, 24.9459, 9.3254

Protanomaly

24.5239, 24.9509, 10.0020

Deuteranomaly

26.1893, 25.0269, 9.2447

Tritanomaly

29.2584, 24.9266, 17.1792

Monochromacy



Original Color

27.5270, 24.9459, 9.3254

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1248, 24.3478, 18.7573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5270, 24.9459, 9.3254 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(181, 125, 71)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 71)  
}
```

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(181, 125, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 71) }
```

Border

The CSS property to change the border of an element to XYZ 27.5270, 24.9459, 9.3254 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(181, 125, 71) }
```


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

```
.border{ border-color:rgb(181, 125, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 125, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 71);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5270, 24.9459, 9.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 71) }
```

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

```
.background{ background-color: rgb(181,  
125, 71) }
```

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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