

Converting Colors

XYZ(29.9854, 24.2375, 22.5612)

Have a look what the booklet for
XYZ(29.9854, 24.2375, 22.5612)
contains.

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Color

**XYZ(29.9546, 24.2857,
22.5109)**

Conversions

Conversions Part 1

Format	Color
Hex	B9747D
RGB	185, 116, 125
RGB Percent	73%, 45%, 49%
CMY	0.2745, 0.5451, 0.5098
CMYK	0.00, 0.37, 0.32, 0.27
HSL	352°, 33%, 59%
HSV	352°, 37%, 73%
XYZ	29.9546, 24.2857, 22.5109
YIQ	137.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

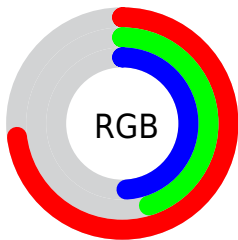
Format	Color
R_{YB}	185, 116, 125
Decimal	12153981
CIE _{Lab}	56.37, 28.31, 6.52
CIE _{LCh}	56, 29.050, 12.969
Yxy	24.2857, 0.3903, 0.3164
Android (android.graphics.Color)	4290344061 (0xFFB9747D)
YUV	137.6570, -6.2399, 41.5198
Hunter-Lab	49.2805, 22.2583, 7.4132

Details

The XYZ color **29.9546, 24.2857, 22.5109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.3889, 41.5460, 47.3884**, and the grayscale version is **24.0402, 25.2922, 27.5432**.

A 20% lighter version of the original color is **59.1860, 50.6450, 48.7755**, and **12.4586, 9.1641, 7.9497** is the 20% darker color. If you saturate the color by 10%, you get **27.0847, 20.0595, 16.8878**, and if you desaturate by 10%, it is **33.4169, 29.4301, 29.1533**.

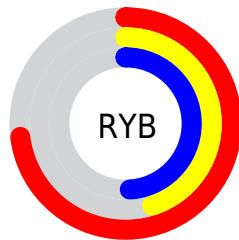
Distribution



Red (73%)

Green (45%)

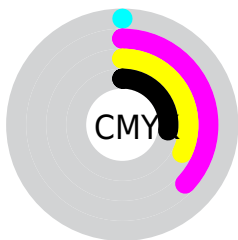
Blue (49%)



Red (73%)

Yellow (45%)

Blue (49%)

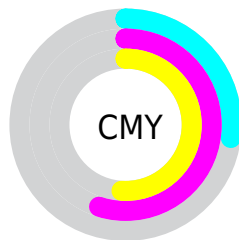


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9546, 24.2857, 22.5109 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 29.9546, 24.2857, 22.5109 by changing the saturation by 10% instead.


 29.9546, 24.2857,
22.5109


 29.9546, 24.2857,
22.5109


293.6064,
274.2617, 278.2429


 19.9520, 15.5457,
14.0309


 58.9775, 50.4960,
48.5019

 12.4682, 9.2033,
8.0032


 78.7285, 68.7351,
66.8500

 7.1379, 4.8740,
4.0092


 102.4598, 90.9094,
89.3246

 3.5956, 2.1735,
1.6304

130.5366,
117.4032, 116.3441

 1.4760, 0.7055,
0.3124

163.3243,
148.6009, 148.3272

 0.3094, 0.0000,
0.0000

201.1882,

 0.0000, 0.0000,

184.8870, 185.6923

0.0000

244.4938,
226.6458, 228.8580

■ 29.9546, 24.2857,
22.5109

■ 29.9546, 24.2857,
22.5109

■ 27.0847, 20.0595,
16.8878

■ 33.4169, 29.4301,
29.1533

■ 24.7720, 16.6942,
12.2321

■ 37.5005, 35.5387,
36.8606

■ 22.9803, 14.1313,
8.4891


■ 42.2345, 42.6586,
45.6774


■ 21.6686, 12.3037,
5.5984


■ 47.6457, 50.8327,
55.6453


■ 20.7893, 11.1334,
3.4919


■ 53.7594, 60.1017,
66.8039


 20.2772, 10.5091,
2.0883

 60.5996, 70.5037,
79.1906

 20.1737, 10.3807,
1.8112

 68.1891, 82.0755,
92.8414

 73.6095, 88.9711,
106.8107

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



29.8141, 24.2857, 32.2294



29.9546, 24.2857, 22.5109



28.1303, 24.2857, 15.7466

Triad

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



29.9546, 24.2857, 22.5109



18.9604, 24.2857, 15.1005



21.2451, 24.2857, 48.3244

Complementary

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



29.9546, 24.2857, 22.5109



32.3889, 41.5460, 47.3884

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.



18.6784, 24.2857, 41.1346



29.9546, 24.2857, 22.5109



17.4496, 24.2857, 21.3943

Square

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



29.9546, 24.2857, 22.5109



21.6656, 24.2857, 12.2198



17.3516, 24.2857, 30.8082



24.5606, 24.2857, 48.8325

Rectangle

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



29.9546, 24.2857, 22.5109



26.1394, 24.2857, 13.1676



17.3516, 24.2857, 30.8082



20.2744, 24.2857, 46.5417

Sweetspot

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



29.9553, 24.2869, 22.5114



72.2061, 71.2268, 75.4320



32.8623, 25.2016, 49.0313



15.3196, 14.9842, 15.8027



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.



29.9553, 24.2869, 22.5114



49.2428, 37.0028, 31.6999



32.7299, 30.7146, 20.7279



9.0510, 9.0308, 9.6160



13.7522, 7.0746, 1.3158



0.5003, 0.2556, 0.1280

Inverse Universe

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



29.9553, 24.2869, 22.5114



49.2428, 37.0028, 31.6999



28.4792, 32.2544, 50.6236



9.0510, 9.0308, 9.6160



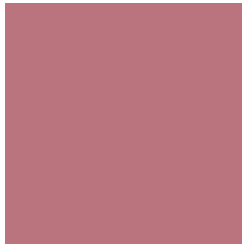
13.7522, 7.0746, 1.3158



0.5003, 0.2556, 0.1280

Previews

White Background



This preview shows how the XYZ color 29.9546, 24.2857, 22.5109 looks on a white background.

Color Contrast Check

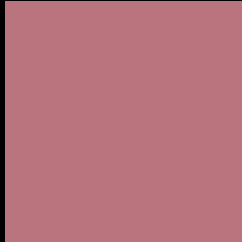
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9546, 24.2857, 22.5109 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 29.9546, 24.2857, 22.5109

Background



This preview shows how black text looks on a background with the XYZ color 29.9546, 24.2857, 22.5109.



This preview shows how white text looks on a background with the XYZ color 29.9546, 24.2857,

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

29.9546, 24.2857, 22.5109

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

24.9556, 24.5078, 21.8275



Tritanopia

29.9546, 24.2857, 22.5109

Trichromacy



Original Color

29.9546, 24.2857, 22.5109

Protanomaly

25.3335, 24.0456, 24.7788

Deuteranomaly

26.5531, 24.3511, 22.0396

Tritanomaly

29.9546, 24.2857, 22.5109

Monochromacy



Original Color

29.9546, 24.2857, 22.5109

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.7338, 24.6273, 25.5875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9546, 24.2857, 22.5109 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, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(185, 116, 125)  
}
```

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, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.9546, 24.2857, 22.5109 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, 116, 125) }
```


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

```
.border{ border-color:rgb(185, 116, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(185, 116,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9546, 24.2857, 22.5109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 116, 125) }
```

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

```
.background{ background-color: rgb(185,  
116, 125) }
```

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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