

Converting Colors

XYZ(30.1871, 24.6635, 22.4656)

Have a look what the booklet for
XYZ(30.1871, 24.6635, 22.4656)
contains.

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Color

**XYZ(30.0705, 24.5175,
22.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	B9757D
RGB	185, 117, 125
RGB Percent	73%, 46%, 49%
CMY	0.2745, 0.5412, 0.5098
CMYK	0.00, 0.37, 0.32, 0.27
HSL	353°, 33%, 59%
HSV	353°, 37%, 73%
XYZ	30.0705, 24.5175, 22.5495
YIQ	138.2440, 37.9600, 16.9040

Conversions

Conversions Part 2

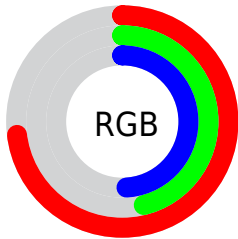
Format	Color
R _Y B	185, 117, 125
Decimal	12154237
CIE Lab	56.60, 27.76, 6.85
CIE LCh	57, 28.590, 13.858
Yxy	24.5175, 0.3898, 0.3178
Android (android.graphics.Color)	4290344317 (0xFFB9757D)
YUV	138.2440, -6.5293, 41.0050
Hunter-Lab	49.5151, 21.7514, 7.6596

Details

The XYZ color **30.0705, 24.5175, 22.5495** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.6219, 41.6546, 47.9178**, and the grayscale version is **24.2652, 25.5289, 27.8010**.

A 20% lighter version of the original color is **59.3728, 51.0185, 48.8377**, and **12.5176, 9.2819, 7.9693** is the 20% darker color. If you saturate the color by 10%, you get **27.1656, 20.2416, 16.8521**, and if you desaturate by 10%, it is **33.5741, 29.7162, 29.2927**.

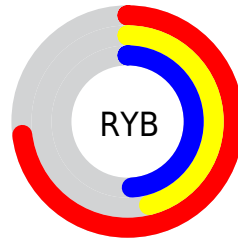
Distribution



Red (73%)

Green (46%)

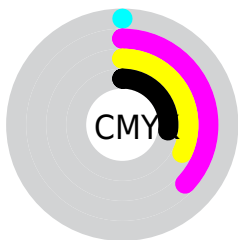
Blue (49%)



Red (73%)

Yellow (46%)

Blue (49%)

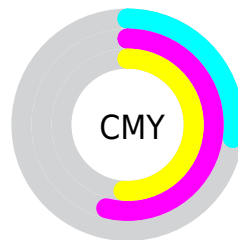


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0705, 24.5175, 22.5495 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 30.0705, 24.5175, 22.5495 by changing the saturation by 10% instead.


 30.0705, 24.5175,
22.5495


 30.0705, 24.5175,
22.5495


294.1369,
275.4265, 278.4491


 20.0404, 15.7179,
14.0591


 59.1595, 50.8734,
48.5663

 12.5329, 9.3248,
8.0225


 78.9492, 69.1985,
66.9298

 7.1825, 4.9536,
4.0214


 102.7228, 91.4676,
89.4213

 3.6238, 2.2201,
1.6371

130.8456,
118.0650, 116.4595

 1.4916, 0.7309,
0.3171

163.6831,
149.3753, 148.4628

 0.3201, 0.0000,
0.0000

201.6006,

 0.0000, 0.0000,

185.7826, 185.8498

0.0000

244.9634,
227.6716, 229.0391

■ 30.0705, 24.5175,
22.5495

■ 30.0705, 24.5175,
22.5495

■ 27.1656, 20.2416,
16.8521

■ 33.5741, 29.7162,
29.2927

■ 24.8238, 16.8312,
12.1465

■ 37.7054, 35.8837,
37.1289

■ 23.0089, 14.2281,
8.3761


■ 42.4938, 43.0669,
46.1043


■ 21.6794, 12.3655,
5.4781


■ 47.9664, 51.3088,
56.2620


■ 20.7877, 11.1658,
3.3817


■ 54.1486, 60.6499,
67.6429

 20.2712, 10.5240,
2.0031

 61.0645, 71.1286,
80.2858

 20.1500, 10.3713,
1.6866

 68.7373, 82.7814,
94.2278

 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.



29.9925, 24.5175, 32.1106



30.0705, 24.5175, 22.5495



28.2186, 24.5175, 15.9214

Triad

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



30.0705, 24.5175, 22.5495



19.1520, 24.5175, 15.5589



21.5722, 24.5175, 48.4029

Complementary

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



30.0705, 24.5175, 22.5495



32.6219, 41.6546, 47.9178

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.



18.9945, 24.5175, 41.4808



30.0705, 24.5175, 22.5495



17.6907, 24.5175, 21.9260

Square

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



30.0705, 24.5175, 22.5495



21.8066, 24.5175, 12.5831



17.6359, 24.5175, 31.3206



24.8667, 24.5175, 48.6840

Rectangle

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



30.0705, 24.5175, 22.5495



26.2320, 24.5175, 13.4115



17.6359, 24.5175, 31.3206



20.6008, 24.5175, 46.7130

Sweetspot

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



30.0712, 24.5187, 22.5500



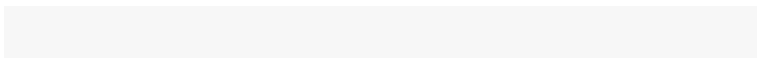
72.1623, 71.2093, 75.2015



33.0084, 25.4489, 49.0713



15.3092, 14.9801, 15.7480



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.



30.0712, 24.5187, 22.5500



49.6284, 37.6823, 32.1114



32.8823, 30.9258, 21.0673



9.0464, 9.0289, 9.5919



13.7350, 7.0677, 1.2252



0.4983, 0.2548, 0.1176

Inverse Universe

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



30.0712, 24.5187, 22.5500



49.6284, 37.6823, 32.1114



28.6764, 32.4504, 50.6511



9.0464, 9.0289, 9.5919



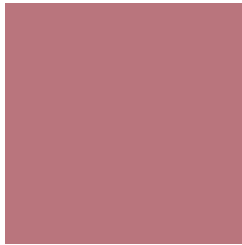
13.7350, 7.0677, 1.2252



0.4983, 0.2548, 0.1176

Previews

White Background



This preview shows how the XYZ color 30.0705, 24.5175, 22.5495 looks on a white background.

Color Contrast Check

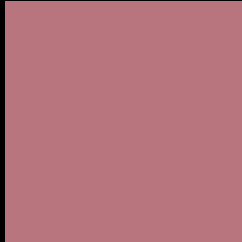
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0705, 24.5175, 22.5495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

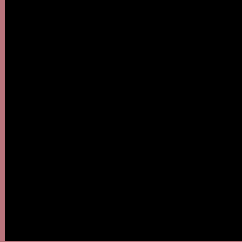
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0705, 24.5175, 22.5495

Background



This preview shows how black text looks on a background with the XYZ color 30.0705, 24.5175, 22.5495.



This preview shows how white text looks on a background with the XYZ color 30.0705, 24.5175,

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

30.0705, 24.5175, 22.5495

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

24.9556, 24.5078, 21.8275



Tritanopia

30.1348, 24.5432, 22.8877

Trichromacy



Original Color

30.0705, 24.5175, 22.5495

Protanomaly

25.6573, 24.4071, 24.8315

Deuteranomaly

26.5531, 24.3511, 22.0396

Tritanomaly

30.1348, 24.5432, 22.8877

Monochromacy



Original Color

30.0705, 24.5175, 22.5495

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 30.0705, 24.5175, 22.5495 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, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(185, 117, 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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 117, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.0705, 24.5175, 22.5495 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, 117, 125) }
```


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

```
.border{ border-color:rgb(185, 117, 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, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(185, 117,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0705, 24.5175, 22.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 117, 125) }
```

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

```
.background{ background-color: rgb(185,  
117, 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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