

Converting Colors

XYZ(30.9318, 24.8184, 21.2493)

Have a look what the booklet for
XYZ(30.9318, 24.8184, 21.2493)
contains.

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Color

**XYZ(30.9318, 24.8184,
21.2493)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7479
RGB	190, 116, 121
RGB Percent	75%, 45%, 47%
CMY	0.2549, 0.5451, 0.5255
CMYK	0.00, 0.39, 0.36, 0.25
HSL	356°, 36%, 60%
HSV	356°, 39%, 75%
XYZ	30.9318, 24.8184, 21.2493
YIQ	138.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

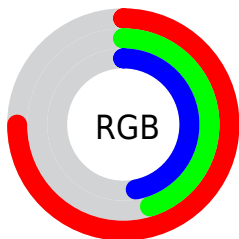
Format	Color
R_{YB}	190, 116, 121
Decimal	12481657
CIE _{Lab}	56.90, 29.71, 9.68
CIE _{LCh}	57, 31.242, 18.044
Yxy	24.8184, 0.4017, 0.3223
Android (android.graphics.Color)	4290671737 (0xFFBE7479)
YUV	138.6960, -8.7241, 44.9936
Hunter-Lab	49.8181, 23.6482, 9.5832

Details

The XYZ color **30.9318, 24.8184, 21.2493** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.3740, 44.0433, 52.5909**, and the grayscale version is **24.4454, 25.7184, 28.0074**.

A 20% lighter version of the original color is **60.4422, 51.3495, 46.2610**, and **12.9823, 9.4458, 7.4423** is the 20% darker color. If you saturate the color by 10%, you get **27.9728, 20.4825, 15.3859**, and if you desaturate by 10%, it is **34.5395, 30.1324, 28.3139**.

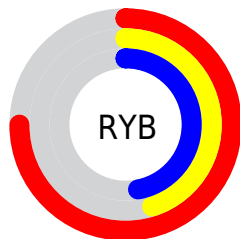
Distribution



Red (75%)

Green (45%)

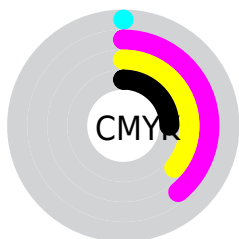
Blue (47%)



Red (75%)

Yellow (45%)

Blue (47%)

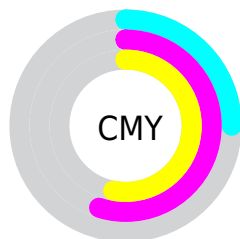


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9318, 24.8184, 21.2493 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 30.9318, 24.8184, 21.2493 by changing the saturation by 10% instead.


 30.9318, 24.8184,
21.2493


 30.9318, 24.8184,
21.2493


298.0565,
276.9324, 271.4249


 20.6985, 15.9418,
13.1133


 60.5093, 51.3625,
46.3882

 13.0150, 9.4830,
7.3750

 80.5841, 69.7987,
64.2283

 7.5159, 5.0575,
3.6157


 104.6702, 92.1903,
86.1401

 3.8360, 2.2811,
1.4170

133.1329,
118.9217, 112.5423

 1.6098, 0.7637,
0.1549

166.3375,
150.3772, 143.8533

 0.3988, 0.0000,
0.0000

204.6494,

 0.0000, 0.0000,

186.9412, 180.4917

0.0000

248.4339,
228.9981, 222.8760

■ 30.9318, 24.8184,
21.2493

■ 30.9318, 24.8184,
21.2493

■ 27.9728, 20.4825,
15.3859

■ 34.5395, 30.1324,
28.3139

■ 25.6223, 17.0616,
10.6555

■ 38.8294, 36.4751,
36.6400

■ 23.8383, 14.4911,
6.9854

■ 43.8347, 43.8982,
46.2853

■ 22.5728, 12.6965,
4.2935

■ 49.5860, 52.4487,
57.3037

■ 21.7699, 11.5902,
2.4860

■ 56.1122, 62.1708,
69.7461

■ 21.3411, 11.0243,
1.4438

■ 63.4407, 73.1065,
83.6607

■ 21.3068, 10.9758,
1.3705

■ 71.5972, 85.2956,
99.0935

■ 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



31.1641, 24.8184, 31.4161



30.9318, 24.8184, 21.2493



28.6129, 24.8184, 14.6366

Triad

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



30.9318, 24.8184, 21.2493



18.7339, 24.8184, 15.6655



22.1614, 24.8184, 51.9201

Complementary

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



30.9318, 24.8184, 21.2493



34.3740, 44.0433, 52.5909

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.



19.1908, 24.8184, 44.9498



30.9318, 24.8184, 21.2493



17.3533, 24.8184, 23.0598

Square

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



30.9318, 24.8184, 21.2493



21.4761, 24.8184, 12.0344



17.5115, 24.8184, 33.7580



25.8365, 24.8184, 51.0686

Rectangle

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



30.9318, 24.8184, 21.2493



26.3189, 24.8184, 12.3108



17.5115, 24.8184, 33.7580



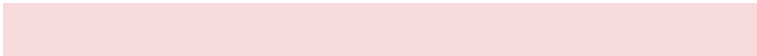
21.0549, 24.8184, 50.3529

Sweetspot

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



30.9325, 24.8196, 21.2498



76.3416, 74.9586, 77.9274



35.2676, 26.3795, 51.9482



16.4965, 16.0635, 16.5972



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9325, 24.8196, 21.2498



51.2666, 37.9586, 29.0295



34.7962, 33.0248, 21.0650



9.5556, 9.5465, 10.0488



14.1788, 7.3027, 0.9691



0.5644, 0.2897, 0.0855

Inverse Universe

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



30.9325, 24.8196, 21.2498



51.2666, 37.9586, 29.0295



28.9246, 32.2855, 53.4225



9.5556, 9.5465, 10.0488



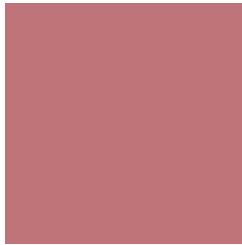
14.1788, 7.3027, 0.9691



0.5644, 0.2897, 0.0855

Previews

White Background



This preview shows how the XYZ color 30.9318, 24.8184, 21.2493 looks on a white background.

Color Contrast Check

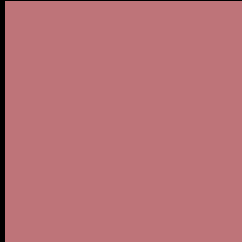
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9318, 24.8184, 21.2493 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 30.9318, 24.8184, 21.2493

Background



This preview shows how black text looks on a background with the XYZ color 30.9318, 24.8184, 21.2493.



This preview shows how white text looks on a background with the XYZ color 30.9318, 24.8184,

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

30.9318, 24.8184, 21.2493

Protanopia

23.9535, 24.9370, 25.3806

Deuteranopia

25.4259, 24.9786, 20.6208



Tritanopia

31.1187, 24.8932, 22.2335

Trichromacy



Original Color

30.9318, 24.8184, 21.2493

Protanomaly

26.0446, 24.6300, 23.8034

Deuteranomaly

27.1528, 24.6886, 20.7870

Tritanomaly

31.0557, 24.8680, 21.9021

Monochromacy



Original Color

30.9318, 24.8184, 21.2493

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.3817, 25.1676, 25.2972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9318, 24.8184, 21.2493 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(190, 116, 121)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 121)  
}
```

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(190, 116, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 121) }
```

Border

The CSS property to change the border of an element to XYZ 30.9318, 24.8184, 21.2493 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(190, 116, 121) }
```


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

```
.border{ border-color:rgb(190, 116, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 121);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9318, 24.8184, 21.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 121) }
```

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

```
.background{ background-color: rgb(190,  
116, 121) }
```

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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