

Converting Colors

XYZ(30.5392, 25.3912, 22.3677)

Have a look what the booklet for
XYZ(30.5392, 25.3912, 22.3677)
contains.

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Color

**XYZ(30.4830, 25.4443,
22.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	B9797C
RGB	185, 121, 124
RGB Percent	73%, 47%, 49%
CMY	0.2745, 0.5255, 0.5137
CMYK	0.00, 0.35, 0.33, 0.27
HSL	357°, 31%, 60%
HSV	357°, 35%, 73%
XYZ	30.4830, 25.4443, 22.3734
YIQ	140.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

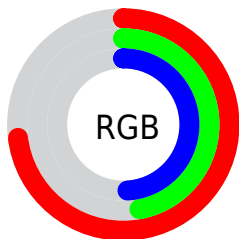
Format	Color
R _Y B	185, 121, 124
Decimal	12155260
CIE Lab	57.51, 25.41, 8.71
CIE LCh	58, 26.867, 18.927
Yxy	25.4443, 0.3893, 0.3250
Android (android.graphics.Color)	4290345340 (0xFFB9797C)
YUV	140.4780, -8.1237, 39.0458
Hunter-Lab	50.4423, 19.5959, 9.0119

Details

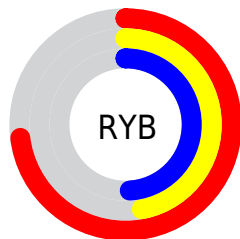
The XYZ color **30.4830, 25.4443, 22.3734** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.6787, 42.1407, 50.6171**, and the grayscale version is **25.1345, 26.4434, 28.7969**.

A 20% lighter version of the original color is **59.9347, 52.4614, 48.0415**, and **12.7292, 9.7603, 7.8696** is the 20% darker color. If you saturate the color by 10%, you get **27.4294, 20.9649, 16.3369**, and if you desaturate by 10%, it is **34.1686, 30.8682, 29.6050**.

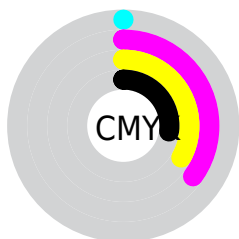
Distribution



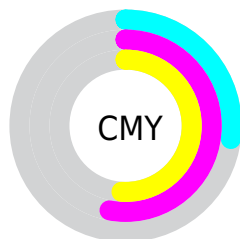
- Red (73%)
- Green (47%)
- Blue (49%)



- Red (73%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (27%)





- Cyan (27%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4830, 25.4443, 22.3734 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 30.4830, 25.4443, 22.3734 by changing the saturation by 10% instead.


 30.4830, 25.4443,
22.3734

 30.4830, 25.4443,
22.3734


296.0190,
280.0434, 277.5070


 20.3554, 16.4084,
13.9306


 59.8066, 52.3771,
48.2725

 12.7634, 9.8136,
7.9342

 79.7332, 71.0428,
66.5658

 7.3417, 5.2755,
3.9657


 103.6570, 93.6871,
88.9797

 3.7249, 2.4098,
1.6066

131.9431,
120.6946, 115.9327

 1.5477, 0.8309,
0.2955

164.9570,
152.4496, 147.8434

 0.3580, 0.0000,
0.0000

203.0641,

 0.0000, 0.0000,

189.3364, 185.1303

0.0000

246.6296,
231.7396, 228.2120

■ 30.4830, 25.4443,
22.3734

■ 30.4830, 25.4443,
22.3734

■ 27.4294, 20.9649,
16.3369

■ 34.1686, 30.8682,
29.6050

■ 24.9702, 17.3725,
11.4297

■ 38.5166, 37.2823,
38.0895

■ 23.0675, 14.6093,
7.5820


■ 43.5582, 44.7338,
47.8829


■ 21.6776, 12.6091,
4.7158


■ 49.3218, 53.2660,
59.0374


■ 20.7507, 11.2953,
2.7421


■ 55.8342, 62.9193,
71.6022

 20.2269, 10.5758,
1.5560

 63.1211, 73.7325,
85.6241

 20.0550, 10.3332,
1.1862

 71.2066, 85.7423,
101.1479

 73.8175, 89.0543,
107.9063

Harmonies

Analogous

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



30.7382, 25.4443, 31.2283



30.4830, 25.4443, 22.3734



28.4556, 25.4443, 16.4313

Triad

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



30.4830, 25.4443, 22.3734



19.8362, 25.4443, 17.6655



23.0215, 25.4443, 48.8432

Complementary

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



30.4830, 25.4443, 22.3734



33.6787, 42.1407, 50.6171

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.



20.3629, 25.4443, 43.2234



30.4830, 25.4443, 22.3734



18.6348, 25.4443, 24.4563

Square

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



30.4830, 25.4443, 22.3734



22.2429, 25.4443, 14.1563



18.8187, 25.4443, 33.8216



26.2350, 25.4443, 47.9373

Rectangle

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



30.4830, 25.4443, 22.3734



26.4643, 25.4443, 14.3011



18.8187, 25.4443, 33.8216



22.0387, 25.4443, 47.6127

Sweetspot

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



30.4837, 25.4455, 22.3739



72.8253, 72.4484, 75.6904



34.8391, 27.0995, 49.2933



15.4332, 15.2247, 15.7995



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.



30.4837, 25.4455, 22.3739



50.0839, 38.9512, 31.1596



34.3339, 33.4447, 22.7367



9.0212, 9.0188, 9.4590



13.6633, 7.0391, 0.8476



0.4875, 0.2505, 0.0604

Inverse Universe

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



30.4837, 25.4455, 22.3739



50.0839, 38.9512, 31.1596



28.5652, 31.4130, 50.4566



9.0212, 9.0188, 9.4590



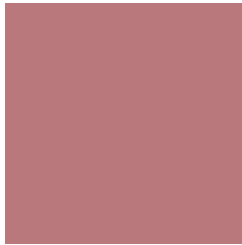
13.6633, 7.0391, 0.8476



0.4875, 0.2505, 0.0604

Previews

White Background



This preview shows how the XYZ color 30.4830, 25.4443, 22.3734 looks on a white background.

Color Contrast Check

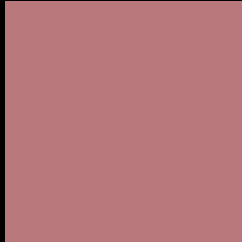
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4830, 25.4443, 22.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

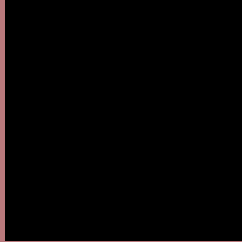
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4830, 25.4443, 22.3734

Background



This preview shows how black text looks on a background with the XYZ color 30.4830, 25.4443, 22.3734.



This preview shows how white text looks on a background with the XYZ color 30.4830, 25.4443,

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

30.4830, 25.4443, 22.3734

Protanopia

24.4774, 25.6212, 25.8456

Deuteranopia

26.0009, 25.4493, 21.9542



Tritanopia

30.9286, 25.4570, 24.0525

Trichromacy



Original Color

30.4830, 25.4443, 22.3734

Protanomaly

26.3811, 25.3833, 24.6281

Deuteranomaly

27.5739, 25.4554, 22.1990

Tritanomaly

30.7969, 25.4044, 23.3590

Monochromacy



Original Color

30.4830, 25.4443, 22.3734

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4009, 25.5642, 26.0972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4830, 25.4443, 22.3734 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, 121, 124)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 124)  
}
```

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, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.4830, 25.4443, 22.3734 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, 121, 124) }
```


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

```
.border{ border-color:rgb(185, 121, 124) }
```

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

Here you see how a box with a 4 pixel rgb(185, 121, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4830, 25.4443, 22.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 124) }
```

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

```
.background{ background-color: rgb(185,  
121, 124) }
```

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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