

Converting Colors

XYZ(30.3417, 23.9519, 22.4984)

Have a look what the booklet for
XYZ(30.3417, 23.9519, 22.4984)
contains.

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Color

**XYZ(30.3458, 23.9823,
22.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	BC717D
RGB	188, 113, 125
RGB Percent	74%, 44%, 49%
CMY	0.2627, 0.5568, 0.5098
CMYK	0.00, 0.40, 0.34, 0.26
HSL	350°, 36%, 59%
HSV	350°, 40%, 74%
XYZ	30.3458, 23.9823, 22.4317
YIQ	136.7930, 40.8480, 19.6320

Conversions

Conversions Part 2

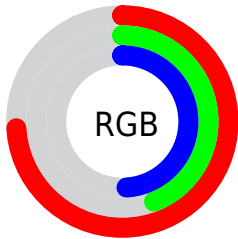
Format	Color
R_{YB}	188, 113, 125
Decimal	12349821
CIE _{Lab}	56.07, 31.09, 6.14
CIE _{LCh}	56, 31.689, 11.166
Yxy	23.9823, 0.3953, 0.3124
Android (android.graphics.Color)	4290539901 (0xFFBC717D)
YUV	136.7930, -5.8139, 44.9085
Hunter-Lab	48.9717, 24.9087, 7.1222

Details

The XYZ color **30.3458, 23.9823, 22.4317** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.6308, 42.6122, 47.5817**, and the grayscale version is **23.7108, 24.9456, 27.1657**.

A 20% lighter version of the original color is **59.6781, 50.0796, 48.6404**, and **12.5977, 8.9823, 7.9073** is the 20% darker color. If you saturate the color by 10%, you get **27.5315, 19.8419, 16.9056**, and if you desaturate by 10%, it is **33.7563, 29.0581, 28.9485**.

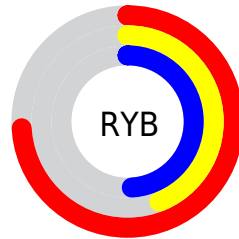
Distribution



Red (74%)

Green (44%)

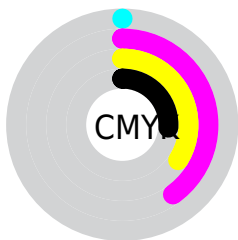
Blue (49%)



Red (74%)

Yellow (44%)

Blue (49%)

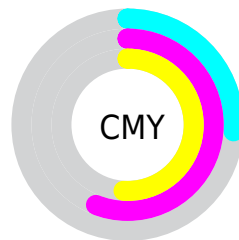


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3458, 23.9823, 22.4317 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 30.3458, 23.9823, 22.4317 by changing the saturation by 10% instead.

 30.3458, 23.9823,
22.4317


 30.3458, 23.9823,
22.4317


295.3940,
272.7310, 277.8192

 20.2506, 15.3205,
13.9731


 59.5915, 50.0013,
48.3698


 12.6866, 9.0446,
7.9634


 79.4727, 68.1273,
66.6863

 7.2886, 4.7703,
3.9841


 103.3466, 90.1768,
89.1260

 3.6912, 2.1131,
1.6166

 131.5785,
116.5343, 116.1072

 1.5290, 0.6720,
0.3026

164.5339,
147.5840, 148.0486

 0.3454, 0.0000,
0.0000

202.5780,

 0.0000, 0.0000,

183.7104, 185.3687

0.0000

246.0763,
225.2980, 228.4861

■ 30.3458, 23.9823,
22.4317

■ 30.3458, 23.9823,
22.4317

■ 27.5315, 19.8419,
16.9056

■ 33.7563, 29.0581,
28.9485

■ 25.2769, 16.5764,
12.3199

■ 37.7927, 35.1179,
36.5001

■ 23.5443, 14.1234,
8.6221


■ 42.4854, 42.2115,
45.1295


■ 22.2907, 12.4111,
5.7536


■ 47.8618, 50.3838,
54.8769


■ 21.4658, 11.3548,
3.6489


■ 53.9480, 59.6775,
65.7804

 20.9787, 10.7908,
2.2218

 60.7687, 70.1327,
77.8764

 20.9743, 10.7854,
2.2094

 68.3472, 81.7876,
91.1996

 73.9659, 89.1981,
104.8698

 74.5490, 89.4313,
107.9406

Harmonies

Analogous

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



30.0546, 23.9823, 33.1074



30.3458, 23.9823, 22.4317



28.4593, 23.9823, 15.0463

Triad

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



30.3458, 23.9823, 22.4317



18.5042, 23.9823, 13.7758



20.6159, 23.9823, 49.9518

Complementary

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



30.3458, 23.9823, 22.4317



32.6308, 42.6122, 47.5817

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.



17.9361, 23.9823, 41.5940



30.3458, 23.9823, 22.4317



16.8092, 23.9823, 20.1798

Square

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



30.3458, 23.9823, 22.4317



21.4701, 23.9823, 11.0078



16.6129, 23.9823, 30.1757



24.1722, 23.9823, 51.0249

Rectangle

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



30.3458, 23.9823, 22.4317



26.3268, 23.9823, 12.2303



16.6129, 23.9823, 30.1757



19.5931, 23.9823, 47.8146

Sweetspot

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



30.3464, 23.9835, 22.4322



74.9295, 73.3674, 78.0075



32.7746, 24.6143, 50.6005



15.8683, 15.4067, 16.3262



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.3464, 23.9835, 22.4322



50.4095, 36.7100, 31.6602



32.8089, 30.0617, 19.6976



9.5907, 9.5606, 10.2339



14.2988, 7.3507, 1.6013



0.5799, 0.2959, 0.1671

Inverse Universe

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



30.3464, 23.9835, 22.4322



50.4095, 36.7100, 31.6602



28.9853, 33.3369, 52.4838



9.5907, 9.5606, 10.2339



14.2988, 7.3507, 1.6013



0.5799, 0.2959, 0.1671

Previews

White Background



This preview shows how the XYZ color 30.3458, 23.9823, 22.4317 looks on a white background.

Color Contrast Check

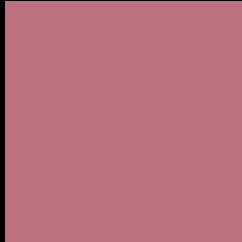
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3458, 23.9823, 22.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

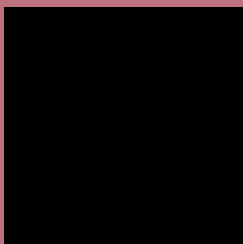
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3458, 23.9823, 22.4317

Background



This preview shows how black text looks on a background with the XYZ color 30.3458, 23.9823, 22.4317.



This preview shows how white text looks on a background with the XYZ color 30.3458, 23.9823,

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

30.3458, 23.9823, 22.4317

Protanopia

23.3570, 24.1747, 27.1020

Deuteranopia

24.6324, 24.1427, 21.7741



Tritanopia

30.2692, 24.1311, 21.4748

Trichromacy



Original Color

30.3458, 23.9823, 22.4317

Protanomaly

25.4048, 23.6831, 25.4226

Deuteranomaly

26.5087, 23.9524, 21.9650

Tritanomaly

30.3315, 24.1561, 21.8028

Monochromacy



Original Color

30.3458, 23.9823, 22.4317

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6631, 24.1997, 25.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3458, 23.9823, 22.4317 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(188, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 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(188, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.3458, 23.9823, 22.4317 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(188, 113, 125) }
```


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

```
.border{ border-color:rgb(188, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3458, 23.9823, 22.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 125) }
```

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

```
.background{ background-color: rgb(188,  
113, 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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