

Converting Colors

XYZ(30.1612, 23.8746, 21.5628)

Have a look what the booklet for
XYZ(30.1612, 23.8746, 21.5628)
contains.

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Color

**XYZ(30.1570, 23.9068,
21.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	BC717A
RGB	188, 113, 122
RGB Percent	74%, 44%, 48%
CMY	0.2627, 0.5568, 0.5216
CMYK	0.00, 0.40, 0.35, 0.26
HSL	353°, 36%, 59%
HSV	353°, 40%, 74%
XYZ	30.1570, 23.9068, 21.4374
YIQ	136.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

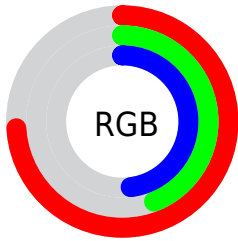
Format	Color
R_{YB}	188, 113, 122
Decimal	12349818
CIE _{Lab}	55.99, 30.70, 7.78
CIE _{LCh}	56, 31.675, 14.215
Yxy	23.9068, 0.3994, 0.3166
Android (android.graphics.Color)	4290539898 (0xFFBC717A)
YUV	136.4510, -7.1243, 45.2085
Hunter-Lab	48.8946, 24.5290, 8.2310

Details

The XYZ color **30.1570, 23.9068, 21.4374** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.9311, 42.7323, 49.1627**, and the grayscale version is **23.5865, 24.8148, 27.0234**.

A 20% lighter version of the original color is **59.2822, 49.9213, 46.5557**, and **12.5293, 8.9550, 7.5467** is the 20% darker color. If you saturate the color by 10%, you get **27.3333, 19.7627, 15.8617**, and if you desaturate by 10%, it is **33.5910, 28.9920, 28.0780**.

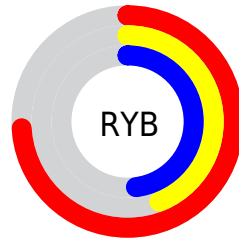
Distribution



Red (74%)

Green (44%)

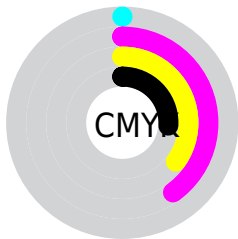
Blue (48%)



Red (74%)

Yellow (44%)

Blue (48%)

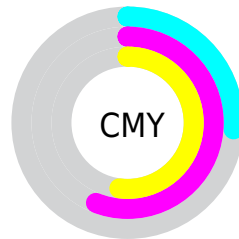


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1570, 23.9068, 21.4374 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 30.1570, 23.9068, 21.4374 by changing the saturation by 10% instead.


 30.1570, 23.9068,
21.4374


 30.1570, 23.9068,
21.4374

294.5323,
272.3490, 272.4510


 20.1065, 15.2645,
13.2498


 59.2953, 49.8781,
46.7046


 12.5812, 9.0052,
7.4680


 79.1138, 67.9758,
64.6212

 7.2158, 4.7446,
3.6736


 102.9189, 89.9942,
86.6178

 3.6449, 2.0982,
1.4481

 131.0761,
116.3176, 113.1131

 1.5033, 0.6636,
0.1788

163.9507,
147.3303, 144.5255

 0.3281, 0.0000,
0.0000

201.9080,

 0.0000, 0.0000,

183.4169, 181.2736

0.0000

245.3134,
224.9616, 223.7759

■ 30.1570, 23.9068,
21.4374

■ 30.1570, 23.9068,
21.4374

■ 27.3333, 19.7627,
15.8617

■ 33.5910, 28.9920,
28.0780

■ 25.0821, 16.4985,
11.2942

■ 37.6662, 35.0674,
35.8338

■ 23.3644, 14.0514,
7.6744


■ 42.4140, 42.1829,
44.7532


■ 22.1353, 12.3489,
4.9354


■ 47.8627, 50.3842,
54.8816

■ 21.3428, 11.3056,
3.0008


■ 54.0395, 59.7141,
66.2619

 20.8932, 10.7566,
1.7716

 60.9697, 70.2131,
78.9348

 20.8892, 10.7514,
1.7614

 68.6777, 81.9198,
92.9393

 74.4462, 89.3902,
107.3992

 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.



30.0974, 23.9068, 31.8362



30.1570, 23.9068, 21.4374



28.0834, 23.9068, 14.4604

Triad

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



30.1570, 23.9068, 21.4374



18.2077, 23.9068, 14.2010



20.8820, 23.9068, 50.3001

Complementary

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



30.1570, 23.9068, 21.4374



32.9311, 42.7323, 49.1627

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.



18.0917, 23.9068, 42.5460



30.1570, 23.9068, 21.4374



16.6633, 23.9068, 20.9772

Square

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



30.1570, 23.9068, 21.4374



21.0566, 23.9068, 11.0978



16.6231, 23.9068, 31.2367



24.4745, 23.9068, 50.5197

Rectangle

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



30.1570, 23.9068, 21.4374



25.8858, 23.9068, 11.8945



16.6231, 23.9068, 31.2367



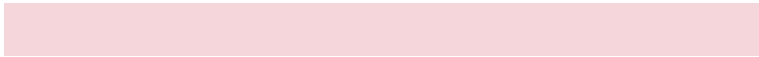
19.8284, 23.9068, 48.4119

Sweetspot

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



30.1576, 23.9080, 21.4379



74.7743, 73.3053, 77.1900



33.3430, 24.9073, 50.6271



15.8320, 15.3921, 16.1347



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.



30.1576, 23.9080, 21.4379



50.0509, 36.5666, 29.7720



33.1718, 30.7873, 19.8186



9.5755, 9.5545, 10.1535



14.2375, 7.3261, 1.2782



0.5732, 0.2932, 0.1318

Inverse Universe

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



30.1576, 23.9080, 21.4379



50.0509, 36.5666, 29.7720



28.5458, 32.4579, 52.3373



9.5755, 9.5545, 10.1535



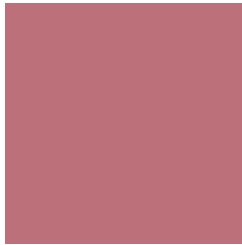
14.2375, 7.3261, 1.2782



0.5732, 0.2932, 0.1318

Previews

White Background



This preview shows how the XYZ color 30.1570, 23.9068, 21.4374 looks on a white background.

Color Contrast Check

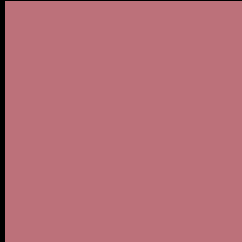
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1570, 23.9068, 21.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

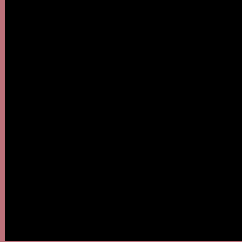
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1570, 23.9068, 21.4374

Background



This preview shows how black text looks on a background with the XYZ color 30.1570, 23.9068, 21.4374.



This preview shows how white text looks on a background with the XYZ color 30.1570, 23.9068,

21.4374.

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

30.1570, 23.9068, 21.4374

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

24.4493, 24.0695, 20.8100



Tritanopia

30.0954, 23.8821, 21.1127

Trichromacy



Original Color

30.1570, 23.9068, 21.4374

Protanomaly

25.1336, 23.5746, 23.9945

Deuteranomaly

26.3237, 23.8784, 20.9909

Tritanomaly

30.0954, 23.8821, 21.1127

Monochromacy



Original Color

30.1570, 23.9068, 21.4374

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.3335, 24.0456, 24.7788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1570, 23.9068, 21.4374 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 122) }
```

Border

The CSS property to change the border of an element to XYZ 30.1570, 23.9068, 21.4374 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, 122) }
```


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

```
.border{ border-color:rgb(188, 113, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1570, 23.9068, 21.4374 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, 122) }
```

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

```
.background{ background-color: rgb(188,  
113, 122) }
```

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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