

Converting Colors

XYZ(29.5237, 23.5914, 18.5269)

Have a look what the booklet for
XYZ(29.5237, 23.5914, 18.5269)
contains.

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Color

**XYZ(29.6248, 23.6939,
18.6348)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7171
RGB	188, 113, 113
RGB Percent	74%, 44%, 44%
CMY	0.2627, 0.5568, 0.5569
CMYK	0.00, 0.40, 0.40, 0.26
HSL	0°, 36%, 59%
HSV	0°, 40%, 74%
XYZ	29.6248, 23.6939, 18.6348
YIQ	135.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

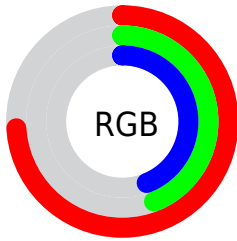
Format	Color
R_{YB}	188, 113, 113
Decimal	12349809
CIE Lab	55.78, 29.61, 12.72
CIE LCh	56, 32.226, 23.243
Yxy	23.6939, 0.4117, 0.3293
Android (android.graphics.Color)	4290539889 (0xFFBC7171)
YUV	135.4250, -11.0555, 46.1083
Hunter-Lab	48.6764, 23.4527, 11.3754

Details

The XYZ color **29.6248, 23.6939, 18.6348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.8695, 43.1061, 54.1121**, and the grayscale version is **23.2159, 24.4249, 26.5987**.

A 20% lighter version of the original color is **58.4338, 49.5819, 42.0878**, and **12.2474, 8.8422, 6.0622** is the 20% darker color. If you saturate the color by 10%, you get **26.7895, 19.5453, 12.9977**, and if you desaturate by 10%, it is **33.1150, 28.8013, 25.5723**.

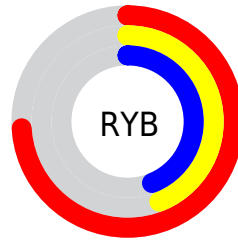
Distribution



Red (74%)

Green (44%)

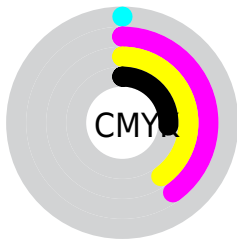
Blue (44%)



Red (74%)

Yellow (44%)

Blue (44%)

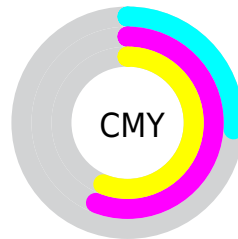


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6248, 23.6939, 18.6348 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 29.6248, 23.6939, 18.6348 by changing the saturation by 10% instead.


 29.6248, 23.6939,
18.6348


 29.6248, 23.6939,
18.6348


292.0929,
271.2693, 256.7804


 19.7006, 15.1067,
11.2326


 58.4590, 49.5302,
41.9445


 12.2846, 8.8943,
6.1073


 78.0998, 67.5482,
58.6891

 7.0114, 4.6723,
2.8406


 101.7101, 89.4784,
79.3848

 3.5156, 2.0563,
1.0138

 129.6554,
115.7055, 104.4503

 1.4319, 0.6399,
0.0000

162.3010,
146.6137, 134.3041

 0.2788, 0.0000,
0.0000

200.0122,

 0.0000, 0.0000,

182.5875, 169.3646

0.0000

243.1544,
224.0112, 210.0506

■ 29.6248, 23.6939,
18.6348

■ 29.6248, 23.6939,
18.6348

■ 26.7895, 19.5453,
12.9977

■ 33.1150, 28.8013,
25.5723

■ 24.5666, 16.2925,
8.5788

■ 37.2954, 34.9185,
33.8828

■ 22.9115, 13.8705,
5.2886


■ 42.2010, 42.0968,
43.6350


■ 21.7727, 12.2041,
3.0250


■ 47.8640, 50.3832,
54.8928


■ 21.0896, 11.2045,
1.6673


■ 54.3144, 59.8219,
67.7162

 20.7424, 10.6964,
0.9771

 61.5808, 70.4547,
82.1618

 20.7391, 10.6916,
0.9706

 69.6903, 82.3212,
98.2836

 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.



30.2562, 23.6939, 28.2434



29.6248, 23.6939, 18.6348



26.9994, 23.6939, 12.7864

Triad

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



29.6248, 23.6939, 18.6348



17.3398, 23.6939, 15.5200



21.7024, 23.6939, 51.4334

Complementary

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



29.6248, 23.6939, 18.6348



33.8695, 43.1061, 54.1121

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.



18.5662, 23.6939, 45.5479



29.6248, 23.6939, 18.6348



16.2301, 23.6939, 23.4992

Square

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



29.6248, 23.6939, 18.6348



19.8559, 23.6939, 11.3580



16.6535, 23.6939, 34.5970



25.4130, 23.6939, 49.1005

Rectangle

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



29.6248, 23.6939, 18.6348



24.6108, 23.6939, 10.9127



16.6535, 23.6939, 34.5970



20.5518, 23.6939, 50.3078

Sweetspot

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



29.6254, 23.6951, 18.6353



74.3157, 73.1226, 74.7732



35.7213, 26.1327, 50.7383



15.7248, 15.3494, 15.5698



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.



29.6254, 23.6951, 18.6353



49.0651, 36.1737, 24.5762



34.7061, 33.8564, 20.3288



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



33.8695, 43.1061, 54.1121



57.8373, 76.2949, 97.9042



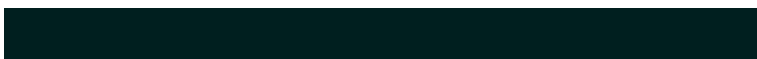
26.8736, 29.1144, 51.7801



9.8086, 10.8095, 12.2417



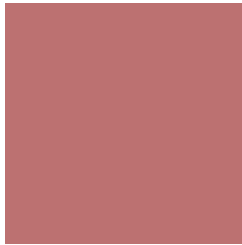
18.4225, 26.9568, 36.6251



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 29.6248, 23.6939, 18.6348 looks on a white background.

Color Contrast Check

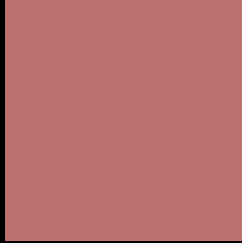
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6248, 23.6939, 18.6348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

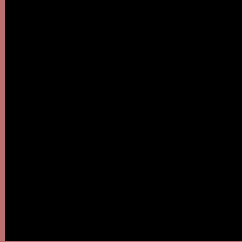
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6248, 23.6939, 18.6348

Background



This preview shows how black text looks on a background with the XYZ color 29.6248, 23.6939, 18.6348.



This preview shows how white text looks on a background with the XYZ color 29.6248, 23.6939,

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

29.6248, 23.6939, 18.6348

Protanopia

22.8106, 23.9944, 22.4979

Deuteranopia

24.1823, 23.7949, 18.0702



Tritanopia

30.1706, 23.7632, 20.7659

Trichromacy



Original Color

29.6248, 23.6939, 18.6348

Protanomaly

24.7556, 23.4459, 20.9900

Deuteranomaly

25.8886, 23.5291, 18.2160

Tritanomaly

29.9913, 23.6915, 19.8218

Monochromacy



Original Color

29.6248, 23.6939, 18.6348

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.7466, 23.5811, 23.3260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6248, 23.6939, 18.6348 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, 113)` looks like.

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

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, 113) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 29.6248, 23.6939, 18.6348 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, 113) }
```


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

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

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, 113)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 29.6248, 23.6939, 18.6348 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, 113) }
```

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

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

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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