

Converting Colors

XYZ(29.0250, 23.1706, 21.2352)

Have a look what the booklet for
XYZ(29.0250, 23.1706, 21.2352)
contains.

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Color

**XYZ(29.0742, 23.1838,
21.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	B8707A
RGB	184, 112, 122
RGB Percent	72%, 44%, 48%
CMY	0.2784, 0.5608, 0.5216
CMYK	0.00, 0.39, 0.34, 0.28
HSL	352°, 34%, 58%
HSV	352°, 39%, 72%
XYZ	29.0742, 23.1838, 21.3549
YIQ	134.6680, 39.7020, 18.3740

Conversions

Conversions Part 2

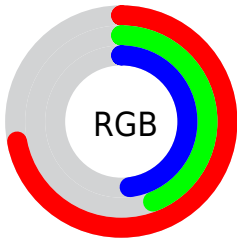
Format	Color
R_{YB}	184, 112, 122
Decimal	12087418
CIE _{Lab}	55.26, 29.73, 6.66
CIE _{LCh}	55, 30.471, 12.631
Yxy	23.1838, 0.3950, 0.3149
Android (android.graphics.Color)	4290277498 (0xFFB8707A)
YUV	134.6680, -6.2453, 43.2642
Hunter-Lab	48.1496, 23.5221, 7.4089

Details

The XYZ color **29.0742, 23.1838, 21.3549** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4636, 40.7823, 46.2600**, and the grayscale version is **22.9188, 24.1124, 26.2584**.

A 20% lighter version of the original color is **57.7131, 48.8435, 46.4303**, and **12.0119, 8.6068, 7.5067** is the 20% darker color. If you saturate the color by 10%, you get **26.3445, 19.1695, 15.9897**, and if you desaturate by 10%, it is **32.3801, 28.0941, 27.7025**.

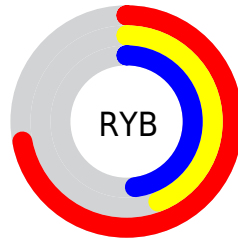
Distribution



Red (72%)

Green (44%)

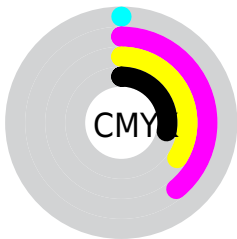
Blue (48%)



Red (72%)

Yellow (44%)

Blue (48%)

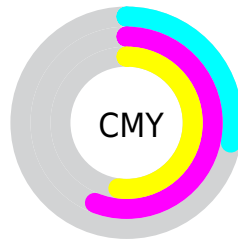


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0742, 23.1838, 21.3549 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 29.0742, 23.1838, 21.3549 by changing the saturation by 10% instead.


 29.0742, 23.1838,
21.3549


 29.0742, 23.1838,
21.3549


289.5528,
268.6676, 272.0014


 19.2815, 14.7293,
13.1899


 57.5917, 48.6950,
46.5659


 11.9791, 8.6296,
7.4272


 77.0472, 66.5204,
64.4489

 6.8015, 4.5004,
3.6482


 100.4544, 88.2382,
86.4084

 3.3835, 1.9572,
1.4344

 128.1786,
114.2329, 112.8629

 1.3597, 0.5824,
0.1683

160.5852,
144.8888, 144.2309

 0.2272, 0.0000,
0.0000

198.0395,

 0.0000, 0.0000,

180.5903, 180.9309

0.0000

240.9069,
221.7217, 223.3816

■ 29.0742, 23.1838,
21.3549

■ 29.0742, 23.1838,
21.3549

■ 26.3445, 19.1695,
15.9897

■ 32.3801, 28.0941,
27.7025

■ 24.1559, 15.9938,
11.5562

■ 36.2909, 33.9464,
35.0769

■ 22.4725, 13.5981,
8.0012


■ 40.8354, 40.7877,
43.5214


■ 21.2529, 11.9145,
5.2657


■ 46.0404, 48.6609,
53.0766


■ 20.4494, 10.8636,
3.2829

■ 51.9306, 57.6062,
63.7808


 19.9816, 10.3040,
1.9683

 58.5300, 67.6618,
75.6704

 19.9487, 10.2629,
1.8805

 65.8611, 78.8641,
88.7804

 72.5892, 88.5352,
102.6922

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



28.9057, 23.1838, 31.2752



29.0742, 23.1838, 21.3549



27.2211, 23.1838, 14.5399

Triad

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



29.0742, 23.1838, 21.3549



17.8857, 23.1838, 13.7931



20.1352, 23.1838, 47.7460

Complementary

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



29.0742, 23.1838, 21.3549



31.4636, 40.7823, 46.2600

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.



17.5542, 23.1838, 40.2197



29.0742, 23.1838, 21.3549



16.3505, 23.1838, 20.0414

Square

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



29.0742, 23.1838, 21.3549



20.6323, 23.1838, 10.9937



16.2357, 23.1838, 29.5770



23.5009, 23.1838, 48.3632

Rectangle

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



29.0742, 23.1838, 21.3549



25.1899, 23.1838, 11.9679



16.2357, 23.1838, 29.5770



19.1561, 23.1838, 45.8657

Sweetspot

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



29.0748, 23.1849, 21.3554



71.3685, 69.9322, 73.9794



31.7245, 23.9573, 48.2997



15.1527, 14.7252, 15.5164



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.



29.0748, 23.1849, 21.3554



48.3620, 35.6357, 30.1903



31.6667, 29.3095, 19.3189



9.0540, 9.0320, 9.6320



13.7643, 7.0795, 1.3799



0.5016, 0.2561, 0.1348

Inverse Universe

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



29.0748, 23.1849, 21.3554



48.3620, 35.6357, 30.1903



27.6985, 31.6339, 49.9936



9.0540, 9.0320, 9.6320



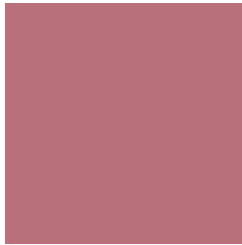
13.7643, 7.0795, 1.3799



0.5016, 0.2561, 0.1348

Previews

White Background



This preview shows how the XYZ color 29.0742, 23.1838, 21.3549 looks on a white background.

Color Contrast Check

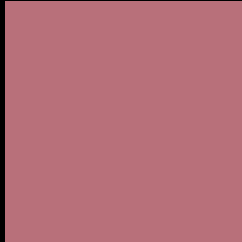
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0742, 23.1838, 21.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

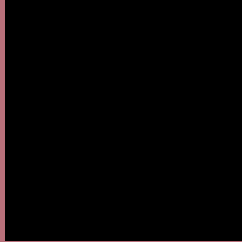
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0742, 23.1838, 21.3549

Background



This preview shows how black text looks on a background with the XYZ color 29.0742, 23.1838, 21.3549.



This preview shows how white text looks on a background with the XYZ color 29.0742, 23.1838,

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

29.0742, 23.1838, 21.3549

Protanopia

22.4766, 23.3469, 25.5121

Deuteranopia

23.8114, 23.3496, 20.7047



Tritanopia

29.0125, 23.1592, 21.0302

Trichromacy



Original Color

29.0742, 23.1838, 21.3549

Protanomaly

24.4329, 23.0245, 23.9253

Deuteranomaly

25.4540, 23.0617, 20.8791

Tritanomaly

29.0125, 23.1592, 21.0302

Monochromacy



Original Color

29.0742, 23.1838, 21.3549

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.7555, 23.5628, 24.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0742, 23.1838, 21.3549 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(184, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 112, 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(184, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.0742, 23.1838, 21.3549 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(184, 112, 122) }
```


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

```
.border{ border-color:rgb(184, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0742, 23.1838, 21.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 112, 122) }
```

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

```
.background{ background-color: rgb(184,  
112, 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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