

Converting Colors

XYZ(29.3225, 23.0748, 17.3764)

Have a look what the booklet for
XYZ(29.3225, 23.0748, 17.3764)
contains.

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Color

**XYZ(29.3225, 23.0748,
17.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6E6D
RGB	189, 110, 109
RGB Percent	74%, 43%, 43%
CMY	0.2588, 0.5686, 0.5725
CMYK	0.00, 0.42, 0.42, 0.26
HSL	1°, 38%, 58%
HSV	1°, 42%, 74%
XYZ	29.3225, 23.0748, 17.3764
YIQ	133.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

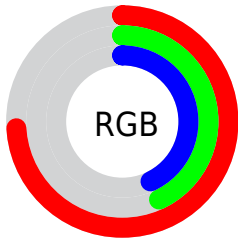
Format	Color
R_{YB}	189, 110, 109
Decimal	12414573
CIE Lab	55.15, 31.17, 14.19
CIE LCh	55, 34.249, 24.472
Yxy	23.0748, 0.4203, 0.3307
Android (android.graphics.Color)	4290604653 (0xFFBD6E6D)
YUV	133.5070, -12.0820, 48.6674
Hunter-Lab	48.0362, 24.8974, 12.1781

Details

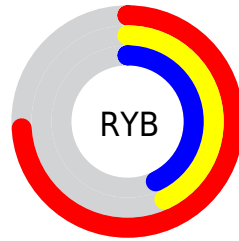
The XYZ color **29.3225, 23.0748, 17.3764** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.4743, 42.8898, 54.6583**, and the grayscale version is **22.5105, 23.6828, 25.7906**.

A 20% lighter version of the original color is **58.1538, 48.6889, 39.5906**, and **12.1582, 8.5661, 5.5700** is the 20% darker color. If you saturate the color by 10%, you get **26.6064, 19.0996, 11.9797**, and if you desaturate by 10%, it is **32.6826, 27.9879, 24.0675**.

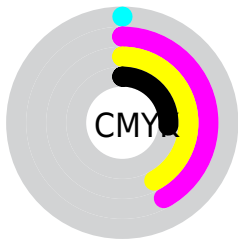
Distribution



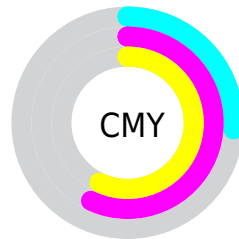
- Red (74%)
- Green (43%)
- Blue (43%)



- Red (74%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (26%)





- Cyan (26%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3225, 23.0748, 17.3764 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 29.3225, 23.0748, 17.3764 by changing the saturation by 10% instead.


 29.3225, 23.0748,
17.3764

 29.3225, 23.0748,
17.3764


290.7004,
268.1089, 249.4492


 19.4704, 14.6487,
10.3384


 57.9831, 48.5161,
39.7713


 12.1167, 8.5732,
5.5154


 77.5223, 66.3002,
55.9653

 6.8960, 4.4639,
2.4887


 101.0214, 87.9724,
76.0484

 3.4429, 1.9363,
0.8342

 128.8455,
113.9171, 100.4391

 1.3921, 0.5701,
0.0000

161.3601,
144.5187, 129.5560

 0.2506, 0.0000,
0.0000

198.9306,

 0.0000, 0.0000,

180.1616, 163.8176

0.0000

241.9222,
221.2302, 203.6425

■ 29.3225, 23.0748,
17.3764

■ 29.3225, 23.0748,
17.3764

■ 26.6064, 19.0996,
11.9797

■ 32.6826, 27.9879,
24.0675

■ 24.4916, 15.9995,
7.7924

■ 36.7223, 33.8896,
32.1277

■ 22.9328, 13.7094,
4.7219


■ 41.4767, 40.8310,
41.6278


■ 21.8779, 12.1539,
2.6613


■ 46.9782, 48.8589,
52.6330


■ 21.2646, 11.2433,
1.4829

■ 53.2568, 58.0170,
65.2048

 21.0120, 10.8703,
0.9907

 60.3411, 68.3469,
79.4011

 68.2584, 79.8877,
95.2770

 74.7962, 89.5588,
107.9521

Harmonies

Analogous

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



30.0888, 23.0748, 27.2066



29.3225, 23.0748, 17.3764



26.4848, 23.0748, 11.5950

Triad

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



29.3225, 23.0748, 17.3764



16.4790, 23.0748, 14.7727



21.2317, 23.0748, 52.4305

Complementary

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



29.3225, 23.0748, 17.3764



33.4743, 42.8898, 54.6583

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.



17.9332, 23.0748, 46.4369



29.3225, 23.0748, 17.3764



15.4010, 23.0748, 23.1515

Square

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



29.3225, 23.0748, 17.3764



19.0267, 23.0748, 10.4260



15.9009, 23.0748, 34.8892



25.1188, 23.0748, 49.5572

Rectangle

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



29.3225, 23.0748, 17.3764



23.9584, 23.0748, 9.8139



15.9009, 23.0748, 34.8892



20.0231, 23.0748, 51.3437

Sweetspot

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



29.3231, 23.0760, 17.3768



73.4825, 71.9571, 72.9510



35.6402, 25.4304, 51.1741



15.3782, 14.8552, 14.8404



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.



29.3231, 23.0760, 17.3768



47.8744, 34.5328, 21.8963



34.4941, 33.4179, 19.1005



9.5395, 9.5550, 9.9182



14.1418, 7.3223, 0.6680



0.5573, 0.2935, 0.0273

Inverse Universe

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



33.4743, 42.8898, 54.6583



56.3101, 74.8103, 97.6982



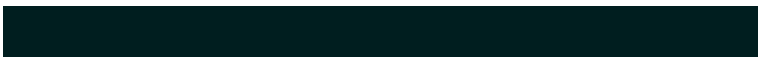
26.2396, 28.4204, 52.2467



9.7980, 10.7884, 12.2382



18.0879, 26.2875, 36.5136



0.7118, 1.0363, 1.4314

Previews

White Background



This preview shows how the XYZ color 29.3225, 23.0748, 17.3764 looks on a white background.

Color Contrast Check

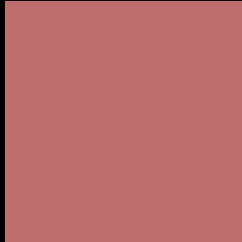
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3225, 23.0748, 17.3764 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 29.3225, 23.0748, 17.3764

Background



This preview shows how black text looks on a background with the XYZ color 29.3225, 23.0748, 17.3764.



This preview shows how white text looks on a background with the XYZ color 29.3225, 23.0748,

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

29.3225, 23.0748, 17.3764

Protanopia

22.1227, 23.2619, 21.0933

Deuteranopia

23.5173, 23.0894, 16.8529



Tritanopia

29.9147, 23.1688, 19.7250

Trichromacy



Original Color

29.3225, 23.0748, 17.3764

Protanomaly

24.2647, 22.8444, 19.6535

Deuteranomaly

25.4276, 22.9518, 16.9999

Tritanomaly

29.7411, 23.0993, 18.8107

Monochromacy



Original Color

29.3225, 23.0748, 17.3764

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3617, 23.0179, 22.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3225, 23.0748, 17.3764 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(189, 110, 109)` looks like.

```
.text, #text, p{  
    color:rgb(189, 110, 109)  
}
```

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(189, 110, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 110, 109) }
```

Border

The CSS property to change the border of an element to XYZ 29.3225, 23.0748, 17.3764 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(189, 110, 109) }
```


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

```
.border{ border-color:rgb(189, 110, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 110, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 110, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 110, 109);  
box-shadow:4px 4px 4px 4px rgb(189, 110,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3225, 23.0748, 17.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 110, 109) }
```

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

```
.background{ background-color: rgb(189,  
110, 109) }
```

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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