

Converting Colors

XYZ(28.5585, 23.0068, 17.3999)

Have a look what the booklet for
XYZ(28.5585, 23.0068, 17.3999)
contains.

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Color

**XYZ(28.5621, 23.0068,
17.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	B9706D
RGB	185, 112, 109
RGB Percent	73%, 44%, 43%
CMY	0.2745, 0.5608, 0.5725
CMYK	0.00, 0.39, 0.41, 0.27
HSL	2°, 35%, 58%
HSV	2°, 41%, 73%
XYZ	28.5621, 23.0068, 17.4034
YIQ	133.4850, 44.4710, 14.5430

Conversions

Conversions Part 2

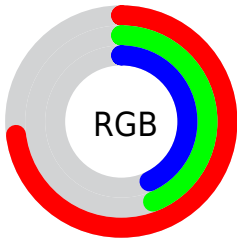
Format	Color
R_{YB}	185, 112, 109
Decimal	12152941
CIE _{Lab}	55.08, 28.53, 14.01
CIE _{LCh}	55, 31.783, 26.157
Yxy	23.0068, 0.4141, 0.3336
Android (android.graphics.Color)	4290343021 (0xFFB9706D)
YUV	133.4850, -12.0711, 45.1787
Hunter-Lab	47.9654, 22.3525, 12.0635

Details

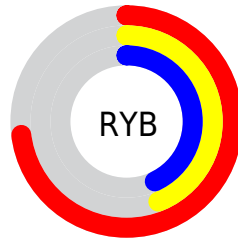
The XYZ color **28.5621, 23.0068, 17.4034** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.7908, 40.2082, 51.9843**, and the grayscale version is **22.5032, 23.6751, 25.7822**.

A 20% lighter version of the original color is **56.7624, 48.5030, 39.6280**, and **11.7003, 8.5699, 5.5949** is the 20% darker color. If you saturate the color by 10%, you get **25.8982, 19.1086, 12.1084**, and if you desaturate by 10%, it is **31.8237, 27.7649, 23.9322**.

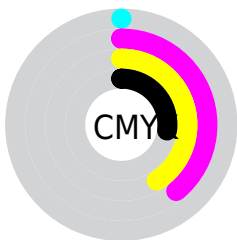
Distribution



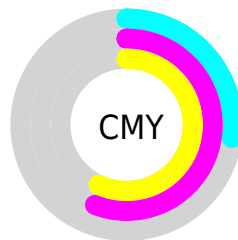
- Red (73%)
- Green (44%)
- Blue (43%)



- Red (73%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (41%)
- Black (27%)





- Cyan (27%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5621, 23.0068, 17.4034 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 28.5621, 23.0068, 17.4034 by changing the saturation by 10% instead.


 28.5621, 23.0068,
17.4034


 28.5621, 23.0068,
17.4034


287.1748,
267.7599, 249.6086


 18.8924, 14.5985,
10.3575


 56.7830, 48.4045,
39.8182


 11.6961, 8.5381,
5.5280


 76.0650, 66.1627,
56.0242

 6.6078, 4.4412,
2.4961


 99.2817, 87.8063,
76.1206

 3.2622, 1.9233,
0.8381

 126.7986,
113.7198, 100.5261

 1.2939, 0.5623,
0.0000

158.9810,
144.2875, 129.6590

 0.1786, 0.0000,
0.0000

196.1942,

 0.0000, 0.0000,

179.8938, 163.9381

0.0000

238.8037,
220.9232, 203.7818

■ 28.5621, 23.0068,
17.4034

■ 28.5621, 23.0068,
17.4034

■ 25.8982, 19.1086,
12.1084

■ 31.8237, 27.7649,
23.9322

■ 23.7941, 16.0158,
7.9683

■ 35.7143, 33.4262,
31.7641

■ 22.2103, 13.6731,
4.8975


■ 40.2651, 40.0355,
40.9651


■ 21.1015, 12.0167,
2.7975


■ 45.5049, 47.6332,
51.5960


■ 20.4145, 10.9725,
1.5520


■ 51.4606, 56.2577,
63.7144

 20.0869, 10.4730,
0.9628

 58.1578, 65.9452,
77.3743

 65.6206, 76.7302,
92.6272

 73.5485, 88.5161,
107.8166

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



29.3844, 23.0068, 26.3795



28.5621, 23.0068, 17.4034



25.8804, 23.0068, 12.0992

Triad

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



28.5621, 23.0068, 17.4034



16.6880, 23.0068, 15.6885



21.4144, 23.0068, 49.9627

Complementary

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



28.5621, 23.0068, 17.4034



31.7908, 40.2082, 51.9843

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.



18.2920, 23.0068, 44.9756



28.5621, 23.0068, 17.4034



15.7558, 23.0068, 23.7669

Square

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



28.5621, 23.0068, 17.4034



19.0023, 23.0068, 11.3128



16.3100, 23.0068, 34.6622



25.0066, 23.0068, 46.9328

Rectangle

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



28.5621, 23.0068, 17.4034



23.5362, 23.0068, 10.4918



16.3100, 23.0068, 34.6622



20.2791, 23.0068, 49.1397

Sweetspot

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



28.5627, 23.0079, 17.4038



71.1450, 70.2962, 71.4047



33.9681, 24.6485, 47.4765



15.1003, 14.8103, 14.9135



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.



28.5627, 23.0079, 17.4038



46.9368, 35.0344, 22.7812



33.6000, 33.0826, 19.0830



9.0323, 9.0676, 9.3811



13.6901, 7.1566, 0.6598



0.4923, 0.2717, 0.0265

Inverse Universe

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



31.7908, 40.2082, 51.9843



53.4693, 69.8784, 92.8744



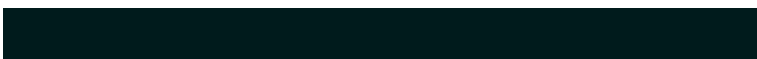
25.1079, 26.8424, 49.7567



9.2354, 10.1481, 11.5515



16.7737, 24.0071, 35.0028



0.6008, 0.8653, 1.2371

Previews

White Background



This preview shows how the XYZ color 28.5621, 23.0068, 17.4034 looks on a white background.

Color Contrast Check

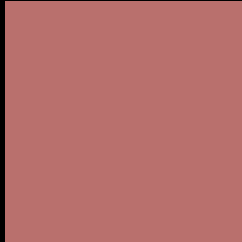
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5621, 23.0068, 17.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

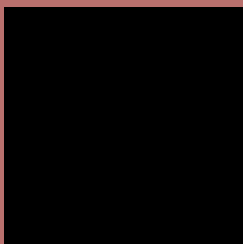
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5621, 23.0068, 17.4034

Background



This preview shows how black text looks on a background with the XYZ color 28.5621, 23.0068, 17.4034.



This preview shows how white text looks on a background with the XYZ color 28.5621, 23.0068,

17.4034.

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

28.5621, 23.0068, 17.4034

Protanopia

22.0623, 23.2377, 20.7753

Deuteranopia

23.5173, 23.0894, 16.8529



Tritanopia

29.2639, 23.1399, 20.3768

Trichromacy



Original Color

28.5621, 23.0068, 17.4034

Protanomaly

23.9457, 22.8736, 19.3726

Deuteranomaly

25.1304, 22.9799, 17.0210

Tritanomaly

29.0287, 23.0458, 19.1380

Monochromacy



Original Color

28.5621, 23.0068, 17.4034

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.9206, 22.7979, 22.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5621, 23.0068, 17.4034 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(185, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(185, 112, 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(185, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 112, 109) }
```

Border

The CSS property to change the border of an element to XYZ 28.5621, 23.0068, 17.4034 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(185, 112, 109) }
```


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

```
.border{ border-color:rgb(185, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(185, 112,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5621, 23.0068, 17.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 112, 109) }
```

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

```
.background{ background-color: rgb(185,  
112, 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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