

Converting Colors

XYZ(28.3072, 23.4364, 22.4338)

Have a look what the booklet for
XYZ(28.3072, 23.4364, 22.4338)
contains.

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Color

**XYZ(28.3072, 23.4364,
22.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	B2747D
RGB	178, 116, 125
RGB Percent	70%, 45%, 49%
CMY	0.3020, 0.5451, 0.5098
CMYK	0.00, 0.35, 0.30, 0.30
HSL	351°, 29%, 58%
HSV	351°, 35%, 70%
XYZ	28.3072, 23.4364, 22.4338
YIQ	135.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

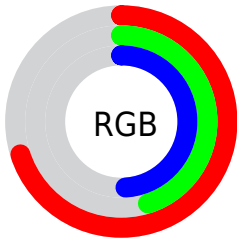
Format	Color
R_{YB}	178, 116, 125
Decimal	11695229
CIE _{Lab}	55.52, 25.63, 5.18
CIE _{LCh}	56, 26.152, 11.431
Yxy	23.4364, 0.3816, 0.3160
Android (android.graphics.Color)	4289885309 (0xFFB2747D)
YUV	135.5640, -5.2081, 37.2164
Hunter-Lab	48.4112, 19.6538, 6.4127

Details

The XYZ color **28.3072, 23.4364, 22.4338** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2853, 38.4190, 43.3574**, and the grayscale version is **23.2493, 24.4601, 26.6370**.

A 20% lighter version of the original color is **56.4848, 49.2525, 48.6491**, and **11.6238, 8.8212, 7.9275** is the 20% darker color. If you saturate the color by 10%, you get **25.5498, 19.3598, 17.0804**, and if you desaturate by 10%, it is **31.6080, 28.3611, 28.7036**.

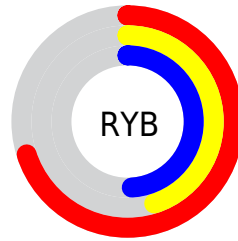
Distribution



Red (70%)

Green (45%)

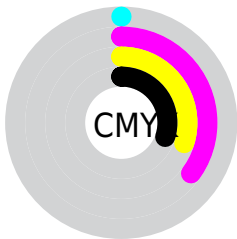
Blue (49%)



Red (70%)

Yellow (45%)

Blue (49%)

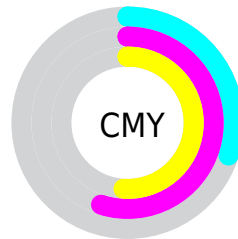


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3072, 23.4364, 22.4338 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 28.3072, 23.4364, 22.4338 by changing the saturation by 10% instead.


 28.3072, 23.4364,
22.4338


 28.3072, 23.4364,
22.4338


285.9855,
269.9586, 277.8304


 18.6990, 14.9161,
13.9746


 56.3797, 49.1089,
48.3733

 11.5557, 8.7605,
7.9645


 75.5748, 67.0299,
66.6907

 6.5119, 4.5853,
3.9848


 98.6962, 88.8532,
89.1313

 3.2024, 2.0061,
1.6170

126.1093,
114.9632, 116.1135

 1.2617, 0.6110,
0.3029

158.1794,
145.7444, 148.0560

 0.1543, 0.0000,
0.0000

195.2719,

 0.0000, 0.0000,

181.5811, 185.3773

0.0000

237.7521,
222.8577, 228.4959

■ 28.3072, 23.4364,
22.4338

■ 28.3072, 23.4364,
22.4338

■ 25.5498, 19.3598,
17.0804

■ 31.6080, 28.3611,
28.7036

■ 23.3045, 16.0801,
12.5990

■ 35.4774, 34.1745,
35.9287

■ 21.5399, 13.5460,
8.9435

■ 39.9411, 40.9187,
44.1473


■ 20.2203, 11.6986,
6.0627


■ 45.0230, 48.6321,
53.3953


■ 19.3048, 10.4701,
3.8999


■ 50.7454, 57.3510,
63.7066


 18.7445, 9.7786,
2.3902

 57.1296, 67.1096,
75.1137

 18.5448, 9.5389,
1.8311

 64.1960, 77.9408,
87.6475

 70.8681, 87.6842,
100.9726

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



28.0934, 23.4364, 31.0457



28.3072, 23.4364, 22.4338



26.8022, 23.4364, 16.2117

Triad

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



28.3072, 23.4364, 22.4338



18.7308, 23.4364, 15.1782



20.5186, 23.4364, 44.2108

Complementary

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



28.3072, 23.4364, 22.4338



30.2853, 38.4190, 43.3574

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.



18.2897, 23.4364, 37.8403



28.3072, 23.4364, 22.4338



17.3221, 23.4364, 20.6892

Square

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



28.3072, 23.4364, 22.4338



21.1708, 23.4364, 12.6831



17.1681, 23.4364, 28.8732



23.4182, 23.4364, 44.9698

Rectangle

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



28.3072, 23.4364, 22.4338



25.0982, 23.4364, 13.7500



17.1681, 23.4364, 28.8732



19.6730, 23.4364, 42.5984

Sweetspot

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



28.3078, 23.4375, 22.4343



67.9679, 67.4533, 71.8654



30.5799, 24.1082, 45.1613



14.8126, 14.5733, 15.4688



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.3078, 23.4375, 22.4343



47.3051, 36.5390, 32.8812



30.5588, 28.8179, 20.4761



8.5449, 8.5247, 9.1021



13.2837, 6.8310, 1.3877



0.4336, 0.2212, 0.1261

Inverse Universe

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



28.3078, 23.4375, 22.4343



47.3051, 36.5390, 32.8812



27.1782, 30.8060, 46.6335



8.5449, 8.5247, 9.1021



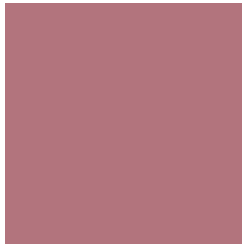
13.2837, 6.8310, 1.3877



0.4336, 0.2212, 0.1261

Previews

White Background



This preview shows how the XYZ color 28.3072, 23.4364, 22.4338 looks on a white background.

Color Contrast Check

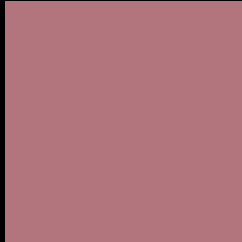
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3072, 23.4364, 22.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

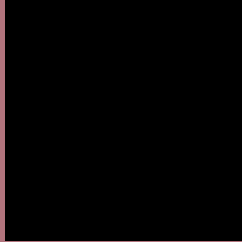
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3072, 23.4364, 22.4338

Background



This preview shows how black text looks on a background with the XYZ color 28.3072, 23.4364, 22.4338.



This preview shows how white text looks on a background with the XYZ color 28.3072, 23.4364,

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

28.3072, 23.4364, 22.4338

Protanopia

22.6823, 23.6472, 25.9231

Deuteranopia

24.0031, 23.6146, 22.0319



Tritanopia

28.3072, 23.4364, 22.4338

Trichromacy



Original Color

28.3072, 23.4364, 22.4338

Protanomaly

24.4486, 23.3967, 24.7002

Deuteranomaly

25.3429, 23.3441, 22.2389

Tritanomaly

28.3072, 23.4364, 22.4338

Monochromacy



Original Color

28.3072, 23.4364, 22.4338

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7776, 23.9458, 25.1459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3072, 23.4364, 22.4338 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(178, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 116, 125)  
}
```

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(178, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.3072, 23.4364, 22.4338 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(178, 116, 125) }
```


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

```
.border{ border-color:rgb(178, 116, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 116,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3072, 23.4364, 22.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 116, 125) }
```

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

```
.background{ background-color: rgb(178,  
116, 125) }
```

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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