

Converting Colors

XYZ(28.4495, 23.8550, 30.7365)

Have a look what the booklet for
XYZ(28.4495, 23.8550, 30.7365)
contains.

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Color

**XYZ(28.4408, 23.8463,
30.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7793
RGB	170, 119, 147
RGB Percent	67%, 47%, 58%
CMY	0.3333, 0.5333, 0.4235
CMYK	0.00, 0.30, 0.14, 0.33
HSL	327°, 23%, 57%
HSV	327°, 30%, 67%
XYZ	28.4408, 23.8463, 30.7076
YIQ	137.4410, 21.4080, 19.5200

Conversions

Conversions Part 2

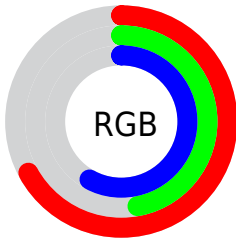
Format	Color
R_{YB}	170, 119, 147
Decimal	11171731
CIE _{Lab}	55.93, 24.37, -7.13
CIE _{LCh}	56, 25.394, 343.684
Yxy	23.8463, 0.3427, 0.2873
Android (android.graphics.Color)	4289361811 (0xFFAA7793)
YUV	137.4410, 4.7126, 28.5542
Hunter-Lab	48.8327, 18.5036, -3.1006

Details

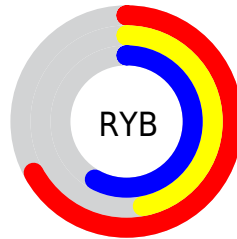
The XYZ color **28.4408, 23.8463, 30.7076** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.8659, 34.6249, 30.8600**, and the grayscale version is **23.9224, 25.1683, 27.4082**.

A 20% lighter version of the original color is **56.6592, 49.8908, 61.9020**, and **11.6376, 9.0068, 12.1914** is the 20% darker color. If you saturate the color by 10%, you get **26.0141, 19.9235, 27.0287**, and if you desaturate by 10%, it is **31.2709, 28.5111, 34.7194**.

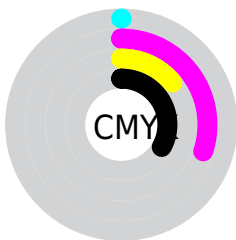
Distribution



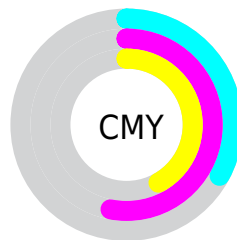
- Red (67%)
- Green (47%)
- Blue (58%)



- Red (67%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4408, 23.8463, 30.7076 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 28.4408, 23.8463, 30.7076 by changing the saturation by 10% instead.


 28.4408, 23.8463,
30.7076


 28.4408, 23.8463,
30.7076


286.6093,
272.0425, 319.4983


 18.8004, 15.2196,
20.1197

 56.5912, 49.7793,
61.8536

 11.6293, 8.9737,
12.2971


 75.8318, 67.8544,
83.2488

 6.5622, 4.7240,
6.8214


 99.0032, 89.8477,
109.0834

 3.2337, 2.0863,
3.2739

126.4708,
116.1438, 139.7762

 1.2785, 0.6569,
1.2361

158.5998,
147.1269, 175.7455

 0.1671, 0.0000,
0.0086

195.7556,

 0.0000, 0.0000,

183.1814, 217.4099

0.0000

238.3037,
224.6919, 265.1880

■ 28.4408, 23.8463,
30.7076

■ 28.4408, 23.8463,
30.7076

■ 26.0141, 19.9235,
27.0287

■ 31.2709, 28.5111,
34.7194

■ 23.9685, 16.7006,
23.6706

■ 34.5210, 33.9506,
39.0724

■ 22.2831, 14.1361,
20.6227

■ 38.2091, 40.1996,
43.7767

■ 20.9334, 12.1828,
17.8728

■ 42.3516, 47.2897,
48.8412

■ 19.8921, 10.7873,
15.4075

■ 46.9641, 55.2510,
54.2746

■ 19.1270, 9.8867,
13.2117

■ 52.0613, 64.1118,
60.0850

■ 18.5682, 9.3424,
11.2576

■ 57.6574, 73.8994,
66.2805

■ 18.5680, 9.3422,
11.2571

■ 63.7644, 84.6368,
72.8683

■ 64.7329, 85.0242,
77.9685

Harmonies

Analogous

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



26.7331, 23.8463, 39.2898



28.4408, 23.8463, 30.7076



28.5179, 23.8463, 22.3714

Triad

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



28.4408, 23.8463, 30.7076



21.3731, 23.8463, 13.3470



18.8719, 23.8463, 38.6112

Complementary

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



28.4408, 23.8463, 30.7076



26.8659, 34.6249, 30.8600

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.



17.6736, 23.8463, 29.9233



28.4408, 23.8463, 30.7076



19.0324, 23.8463, 16.0547

Square

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



28.4408, 23.8463, 30.7076



24.2659, 23.8463, 13.4690



17.7298, 23.8463, 21.7369



21.1365, 23.8463, 44.4756

Rectangle

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



28.4408, 23.8463, 30.7076



27.6220, 23.8463, 18.0856



17.7298, 23.8463, 21.7369



18.3400, 23.8463, 35.8524

Sweetspot

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



28.4415, 23.8474, 30.7081



63.1620, 62.4886, 71.5802



25.0003, 21.8436, 40.9289



13.8857, 13.5988, 15.7021



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.4415, 23.8474, 30.7081



48.5938, 38.3851, 51.2076



26.6603, 23.1349, 21.3282



7.6969, 7.6086, 8.7213



13.6872, 6.8836, 8.4305



0.3583, 0.1776, 0.3381

Inverse Universe

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



28.4415, 23.8474, 30.7081



48.5938, 38.3851, 51.2076



28.9999, 35.4785, 42.0975



7.6969, 7.6086, 8.7213



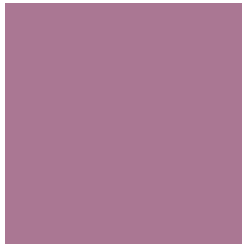
13.6872, 6.8836, 8.4305



0.3583, 0.1776, 0.3381

Previews

White Background



This preview shows how the XYZ color 28.4408, 23.8463, 30.7076 looks on a white background.

Color Contrast Check

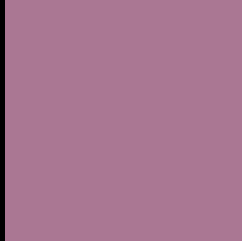
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4408, 23.8463, 30.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

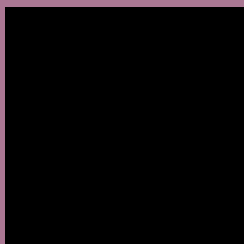
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4408, 23.8463, 30.7076

Background



This preview shows how black text looks on a background with the XYZ color 28.4408, 23.8463, 30.7076.



This preview shows how white text looks on a background with the XYZ color 28.4408, 23.8463,

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

28.4408, 23.8463, 30.7076

Protanopia

23.5942, 23.9212, 34.8262

Deuteranopia

24.5548, 24.1166, 30.1488



Tritanopia

27.2047, 23.8826, 24.6487

Trichromacy



Original Color

28.4408, 23.8463, 30.7076

Protanomaly

25.1460, 23.7580, 33.3974

Deuteranomaly

25.9145, 24.0264, 30.4658

Tritanomaly

27.7149, 23.9159, 26.8224

Monochromacy



Original Color

28.4408, 23.8463, 30.7076

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1848, 24.2779, 28.5580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4408, 23.8463, 30.7076 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(170, 119, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 147)  
}
```

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(170, 119, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.4408, 23.8463, 30.7076 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(170, 119, 147) }
```


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

```
.border{ border-color:rgb(170, 119, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4408, 23.8463, 30.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 147) }
```

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

```
.background{ background-color: rgb(170,  
119, 147) }
```

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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