

Converting Colors

XYZ(28.5564, 24.0766, 32.5658)

Have a look what the booklet for
XYZ(28.5564, 24.0766, 32.5658)
contains.

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Color

**XYZ(28.4508, 23.9921,
32.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	A87897
RGB	168, 120, 151
RGB Percent	66%, 47%, 59%
CMY	0.3412, 0.5294, 0.4078
CMYK	0.00, 0.29, 0.10, 0.34
HSL	321°, 22%, 56%
HSV	321°, 29%, 66%
XYZ	28.4508, 23.9921, 32.4096
YIQ	137.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

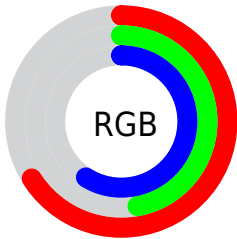
Format	Color
R_{YB}	168, 120, 151
Decimal	11040919
CIE Lab	56.08, 23.78, -9.26
CIE LCh	56, 25.519, 338.721
Yxy	23.9921, 0.3353, 0.2828
Android (android.graphics.Color)	4289230999 (0xFFA87897)
YUV	137.8860, 6.4652, 26.4100
Hunter-Lab	48.9817, 17.9628, -4.9430

Details

The XYZ color **28.4508, 23.9921, 32.4096** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2646, 33.8051, 28.8091**, and the grayscale version is **24.0858, 25.3401, 27.5954**.

A 20% lighter version of the original color is **56.7035, 50.1422, 64.4474**, and **11.6237, 9.0714, 13.1949** is the 20% darker color. If you saturate the color by 10%, you get **26.1339, 20.1119, 29.3131**, and if you desaturate by 10%, it is **31.1480, 28.5932, 35.7538**.

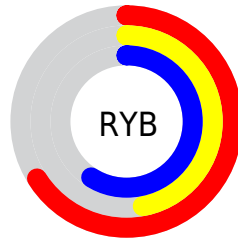
Distribution



Red (66%)

Green (47%)

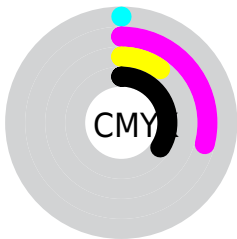
Blue (59%)



Red (66%)

Yellow (47%)

Blue (59%)

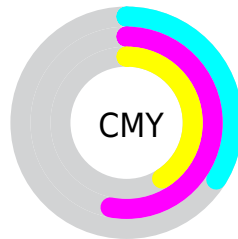


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (34%)



Cyan (34%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4508, 23.9921, 32.4096 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 28.4508, 23.9921, 32.4096 by changing the saturation by 10% instead.

 28.4508, 23.9921,
32.4096


 28.4508, 23.9921,
32.4096


286.6560,
272.7805, 327.5309


 18.8079, 15.3278,
21.4071


 56.6070, 50.0173,
64.5580

 11.6348, 9.0497,
13.2278


 75.8510, 68.1470,
86.5411

 6.5659, 4.7736,
7.4530


 99.0262, 90.2005,
113.0214

 3.2360, 2.1151,
3.6643

126.4978,
116.5624, 144.4175

 1.2798, 0.6731,
1.4430

158.6312,
147.6169, 181.1480

 0.1680, 0.0000,
0.1750

195.7918,

 0.0000, 0.0000,

183.7485, 223.6313

0.0000

238.3449,
225.3416, 272.2862

■ 28.4508, 23.9921,
32.4096

■ 28.4508, 23.9921,
32.4096

■ 26.1339, 20.1119,
29.3131

■ 31.1480, 28.5932,
35.7538

■ 24.1762, 16.9122,
26.4546

■ 34.2410, 33.9464,
39.3517

■ 22.5580, 14.3534,
23.8261

■ 37.7467, 40.0851,
43.2110

■ 21.2565, 12.3908,
21.4182

■ 41.6807, 47.0396,
47.3385

■ 20.2461, 10.9735,
19.2203

■ 46.0576, 54.8387,
51.7405

■ 19.4966, 10.0423,
17.2207

■ 50.8913, 63.5097,
56.4235

■ 18.9538, 9.4887,
15.3990

■ 56.1951, 73.0787,
61.3934

■ 18.8819, 9.4182,
15.1492

■ 61.9817, 83.5706,
66.6559

■ 62.8743, 84.2312,
70.4202

Harmonies

Analogous

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



26.5024, 23.9921, 40.7979



28.4508, 23.9921, 32.4096



28.8211, 23.9921, 23.7585

Triad

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



28.4508, 23.9921, 32.4096



21.9624, 23.9921, 13.2267



18.6947, 23.9921, 37.5382

Complementary

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



28.4508, 23.9921, 32.4096



26.2646, 33.8051, 28.8091

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.



17.6883, 23.9921, 28.6401



28.4508, 23.9921, 32.4096



19.4663, 23.9921, 15.4718

Square

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



28.4508, 23.9921, 32.4096



24.9044, 23.9921, 13.8140



17.9583, 23.9921, 20.7075



20.8247, 23.9921, 44.1713

Rectangle

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



28.4508, 23.9921, 32.4096



28.0951, 23.9921, 19.1280



17.9583, 23.9921, 20.7075



18.2224, 23.9921, 34.6448

Sweetspot

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



28.4515, 23.9932, 32.4101



61.7797, 60.9822, 71.0068



24.0691, 21.5628, 39.9396



13.2855, 12.9789, 15.2716



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.4515, 23.9932, 32.4101



49.0027, 39.1229, 55.3572



26.7096, 23.2964, 23.2372



7.7274, 7.6208, 8.8816



14.2837, 7.1222, 11.5717



0.3705, 0.1825, 0.4024

Inverse Universe

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



28.4515, 23.9932, 32.4101



49.0027, 39.1229, 55.3572



28.1645, 34.5650, 38.8136



7.7274, 7.6208, 8.8816



14.2837, 7.1222, 11.5717



0.3705, 0.1825, 0.4024

Previews

White Background



This preview shows how the XYZ color 28.4508, 23.9921, 32.4096 looks on a white background.

Color Contrast Check

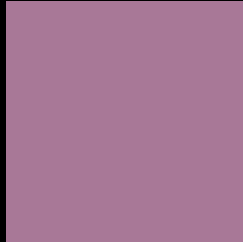
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4508, 23.9921, 32.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

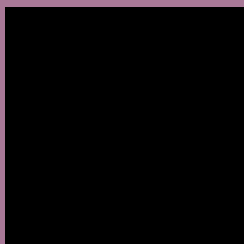
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4508, 23.9921, 32.4096

Background



This preview shows how black text looks on a background with the XYZ color 28.4508, 23.9921, 32.4096.



This preview shows how white text looks on a background with the XYZ color 28.4508, 23.9921,

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

28.4508, 23.9921, 32.4096

Protanopia

23.9235, 24.2554, 36.6786

Deuteranopia

24.5256, 24.0652, 31.7862



Tritanopia

27.0425, 23.9664, 25.3910

Trichromacy



Original Color

28.4508, 23.9921, 32.4096

Protanomaly

25.2638, 23.9745, 35.1943

Deuteranomaly

25.8569, 23.9601, 32.1161

Tritanomaly

27.6295, 24.0280, 27.9926

Monochromacy



Original Color

28.4508, 23.9921, 32.4096

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4687, 24.6053, 29.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4508, 23.9921, 32.4096 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(168, 120, 151)` looks like.

```
.text, #text, p{  
    color:rgb(168, 120, 151)  
}
```

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(168, 120, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 120, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.4508, 23.9921, 32.4096 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(168, 120, 151) }
```


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

```
.border{ border-color:rgb(168, 120, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 120, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 120, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 120, 151);  
box-shadow:4px 4px 4px 4px rgb(168, 120,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4508, 23.9921, 32.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 120, 151) }
```

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

```
.background{ background-color: rgb(168,  
120, 151) }
```

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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