

Converting Colors

XYZ(27.0482, 23.9124, 27.6049)

Have a look what the booklet for
XYZ(27.0482, 23.9124, 27.6049)
contains.

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Color

**XYZ(27.0530, 23.9225,
27.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	A47B8B
RGB	164, 123, 139
RGB Percent	64%, 48%, 55%
CMY	0.3569, 0.5176, 0.4549
CMYK	0.00, 0.25, 0.15, 0.36
HSL	337°, 18%, 56%
HSV	337°, 25%, 64%
XYZ	27.0530, 23.9225, 27.6178
YIQ	137.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

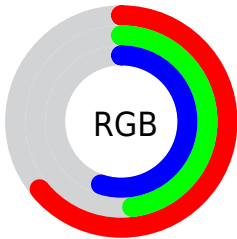
Format	Color
R_{YB}	164, 123, 139
Decimal	10779531
CIE _{Lab}	56.01, 18.51, -2.45
CIE _{LCh}	56, 18.671, 352.471
Yxy	23.9225, 0.3442, 0.3044
Android (android.graphics.Color)	4288969611 (0xFFA47B8B)
YUV	137.0830, 0.9451, 23.6062
Hunter-Lab	48.9106, 13.1367, 0.7588

Details

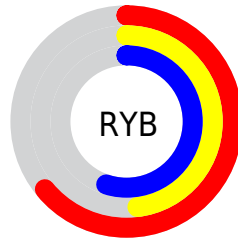
The XYZ color **27.0530, 23.9225, 27.6178** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7901, 32.9006, 32.9569**, and the grayscale version is **23.8012, 25.0407, 27.2694**.

A 20% lighter version of the original color is **54.2532, 49.9165, 56.6446**, and **10.9340, 9.0636, 10.6244** is the 20% darker color. If you saturate the color by 10%, you get **24.4889, 19.9105, 23.3214**, and if you desaturate by 10%, it is **30.0261, 28.6450, 32.3810**.

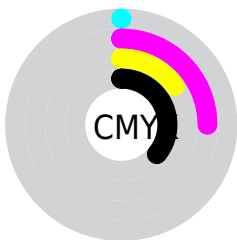
Distribution



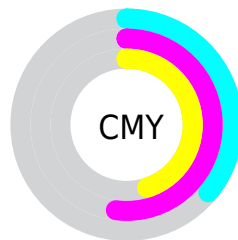
- Red (64%)
- Green (48%)
- Blue (55%)



- Red (64%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0530, 23.9225, 27.6178 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 27.0530, 23.9225, 27.6178 by changing the saturation by 10% instead.

■ 27.0530, 23.9225,
27.6178

■ 27.0530, 23.9225,
27.6178

280.0765,
272.4284, 304.4904

■ 17.7498, 15.2761,
17.8012

■ 54.3882, 49.9037,
56.8894

■ 10.8691, 9.0134,
10.6394

■ 73.1509, 68.0073,
77.1815

■ 6.0455, 4.7499,
5.7138

■ 95.7975, 90.0322,
101.8025

■ 2.9137, 2.1013,
2.6059

122.6934,
116.3626, 131.1710

■ 1.1083, 0.6654,
0.8955

154.2039,
147.3831, 165.7055

■ 0.0320, 0.0000,
0.0000

190.6943,

■ 0.0000, 0.0000,

183.4779, 205.8245

0.0000

232.5301,
225.0316, 251.9466

■ 27.0530, 23.9225,
27.6178

■ 27.0530, 23.9225,
27.6178

■ 24.4889, 19.9105,
23.3214

■ 30.0261, 28.6450,
32.3810

■ 22.3131, 16.5712,
19.4752

■ 33.4238, 34.1071,
37.6237

■ 20.5059, 13.8681,
16.0637

■ 37.2631, 40.3401,
43.3601

■ 19.0452, 11.7597,
13.0700

■ 41.5596, 47.3725,
49.6032

■ 17.9061, 10.1999,
10.4757

■ 46.3281, 55.2316,
56.3657

■ 17.0603, 9.1355,
8.2607

■ 51.5827, 63.9430,
63.6595

■ 16.4731, 8.5003,
6.4021

■ 57.3369, 73.5315,
71.4965

■ 16.2352, 8.2627,
5.5887

■ 63.6037, 84.0208,
79.8878

■ 65.2138, 85.0701,
87.1171

Harmonies

Analogous

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



26.1495, 23.9225, 33.8820



27.0530, 23.9225, 27.6178



26.7441, 23.9225, 21.8091

Triad

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



27.0530, 23.9225, 27.6178



21.2050, 23.9225, 16.6274



20.3285, 23.9225, 36.5228

Complementary

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



27.0530, 23.9225, 27.6178



26.7901, 32.9006, 32.9569

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.



19.1527, 23.9225, 30.8024



27.0530, 23.9225, 27.6178



19.6362, 23.9225, 19.5247

Square

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



27.0530, 23.9225, 27.6178



23.2795, 23.9225, 16.0478



18.9074, 23.9225, 24.5379



22.2042, 23.9225, 39.5211

Rectangle

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



27.0530, 23.9225, 27.6178



25.9006, 23.9225, 18.8911



18.9074, 23.9225, 24.5379



19.8432, 23.9225, 34.8155

Sweetspot

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



27.0537, 23.9236, 27.6183



59.2871, 59.6785, 66.1878



25.9252, 23.1061, 38.2157



12.8852, 12.9241, 14.3534



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.0537, 23.9236, 27.6183



46.4260, 39.2155, 45.6873



26.4881, 24.5283, 22.0785



7.1829, 7.1296, 7.9494



12.4703, 6.3442, 4.4011



0.2848, 0.1424, 0.2125

Inverse Universe

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



27.0537, 23.9236, 27.6183



46.4260, 39.2155, 45.6873



27.4235, 31.9989, 39.8533



7.1829, 7.1296, 7.9494



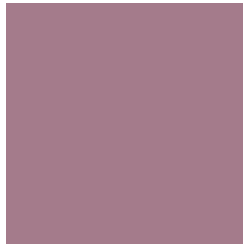
12.4703, 6.3442, 4.4011



0.2848, 0.1424, 0.2125

Previews

White Background



This preview shows how the XYZ color 27.0530, 23.9225, 27.6178 looks on a white background.

Color Contrast Check

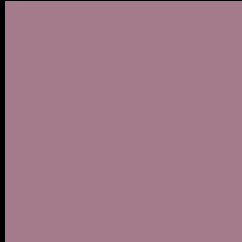
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0530, 23.9225, 27.6178 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 27.0530, 23.9225, 27.6178

Background



This preview shows how black text looks on a background with the XYZ color 27.0530, 23.9225, 27.6178.



This preview shows how white text looks on a background with the XYZ color 27.0530, 23.9225,

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

27.0530, 23.9225, 27.6178

Protanopia

23.4674, 24.1629, 30.2151

Deuteranopia

24.4241, 23.9112, 27.3728



Tritanopia

26.5455, 23.8953, 25.4035

Trichromacy



Original Color

27.0530, 23.9225, 27.6178

Protanomaly

24.6176, 23.9682, 29.3154

Deuteranomaly

25.3137, 23.7860, 27.3017

Tritanomaly

26.6851, 23.9511, 26.1382

Monochromacy



Original Color

27.0530, 23.9225, 27.6178

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8713, 24.5406, 27.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0530, 23.9225, 27.6178 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(164, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 139)  
}
```

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(164, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.0530, 23.9225, 27.6178 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(164, 123, 139) }
```


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

```
.border{ border-color:rgb(164, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0530, 23.9225, 27.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 139) }
```

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

```
.background{ background-color: rgb(164,  
123, 139) }
```

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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