

Converting Colors

XYZ(27.6274, 23.4418, 26.9638)

Have a look what the booklet for
XYZ(27.6274, 23.4418, 26.9638)
contains.

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Color

**XYZ(27.7618, 23.5747,
27.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	AA778A
RGB	170, 119, 138
RGB Percent	67%, 47%, 54%
CMY	0.3333, 0.5333, 0.4588
CMYK	0.00, 0.30, 0.19, 0.33
HSL	338°, 23%, 57%
HSV	338°, 30%, 67%
XYZ	27.7618, 23.5747, 27.1319
YIQ	136.4150, 24.2970, 16.7210

Conversions

Conversions Part 2

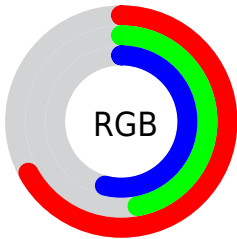
Format	Color
R_{YB}	170, 119, 138
Decimal	11171722
CIE _{Lab}	55.66, 22.87, -2.30
CIE _{LCh}	56, 22.985, 354.247
Yxy	23.5747, 0.3538, 0.3004
Android (android.graphics.Color)	4289361802 (0xFFAA778A)
YUV	136.4150, 0.7814, 29.4540
Hunter-Lab	48.5538, 17.0926, 0.8563

Details

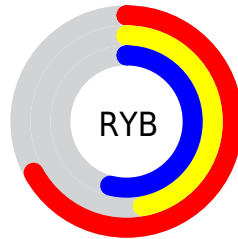
The XYZ color **27.7618, 23.5747, 27.1319** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5694, 34.9063, 34.5644**, and the grayscale version is **23.5488, 24.7751, 26.9801**.

A 20% lighter version of the original color is **55.5205, 49.4354, 55.9059**, and **11.2877, 8.8668, 10.3491** is the 20% darker color. If you saturate the color by 10%, you get **25.1820, 19.5907, 22.6469**, and if you desaturate by 10%, it is **30.7808, 28.3150, 32.1381**.

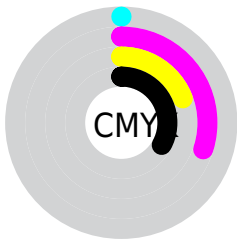
Distribution



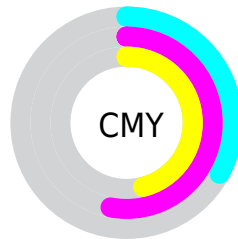
- Red (67%)
- Green (47%)
- Blue (54%)



- Red (67%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7618, 23.5747, 27.1319 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 27.7618, 23.5747, 27.1319 by changing the saturation by 10% instead.

■ 27.7618, 23.5747,
27.1319

■ 27.7618, 23.5747,
27.1319

283.4277,
270.6632, 302.0755

■ 18.2857, 15.0184,
17.4390

■ 55.5152, 49.3353,
56.1018

■ 11.2562, 8.8323,
10.3827

■ 74.5233, 67.3084,
76.2158

■ 6.3080, 4.6320,
5.5445

■ 97.4394, 89.1892,
100.6406

■ 3.0757, 2.0330,
2.5059

124.6288,
115.3622, 129.7948

■ 1.1939, 0.6265,
0.8433

156.4570,
146.2117, 164.0968

■ 0.1016, 0.0000,
0.0000

193.2894,

■ 0.0000, 0.0000,

182.1221, 203.9653

0.0000

235.4911,
223.4778, 249.8187

■ 27.7618, 23.5747,
27.1319

■ 27.7618, 23.5747,
27.1319

■ 25.1820, 19.5907,
22.6469

■ 30.7808, 28.3150,
32.1381

■ 23.0177, 16.3203,
18.6638

■ 34.2568, 33.8449,
37.6809

■ 21.2464, 13.7214,
15.1640

■ 38.2092, 40.1996,
43.7771

■ 19.8423, 11.7464,
12.1270

■ 42.6556, 47.4113,
50.4420

■ 18.7761, 10.3409,
9.5309

■ 47.6128, 55.5105,
57.6904

■ 18.0140, 9.4415,
7.3509

■ 53.0966, 64.5259,
65.5365

■ 17.4841, 8.9087,
5.5490

■ 59.1222, 74.4853,
73.9941

■ 17.4840, 8.9086,
5.5486

■ 65.7028, 85.4121,
83.0758

■ 67.1899, 86.0070,
90.9071

Harmonies

Analogous

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



26.7168, 23.5747, 34.9825



27.7618, 23.5747, 27.1319



27.2846, 23.5747, 20.2235

Triad

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



27.7618, 23.5747, 27.1319



20.4149, 23.5747, 14.6968



19.6095, 23.5747, 39.1390

Complementary

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



27.7618, 23.5747, 27.1319



27.5694, 34.9063, 34.5644

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.



18.1485, 23.5747, 32.0132



27.7618, 23.5747, 27.1319



18.5877, 23.5747, 18.1750

Square

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



27.7618, 23.5747, 27.1319



22.9122, 23.5747, 13.8904



17.7893, 23.5747, 24.2593



21.9093, 23.5747, 42.7243

Rectangle

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



27.7618, 23.5747, 27.1319



26.1848, 23.5747, 16.9141



17.7893, 23.5747, 24.2593



19.0113, 23.5747, 37.0188

Sweetspot

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



27.7625, 23.5758, 27.1324



62.7199, 62.3117, 69.2520



26.5141, 22.6240, 40.9997



13.7730, 13.5538, 15.1086



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.



27.7625, 23.5758, 27.1324



47.1698, 37.8155, 43.7093



27.2354, 24.5337, 20.7542



7.6424, 7.5868, 8.4339



12.8865, 6.5633, 4.2139



0.3383, 0.1696, 0.2331

Inverse Universe

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



27.7625, 23.5758, 27.1324



47.1698, 37.8155, 43.7093



28.1486, 33.3936, 42.9923



7.6424, 7.5868, 8.4339



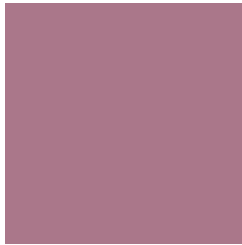
12.8865, 6.5633, 4.2139



0.3383, 0.1696, 0.2331

Previews

White Background



This preview shows how the XYZ color 27.7618, 23.5747, 27.1319 looks on a white background.

Color Contrast Check

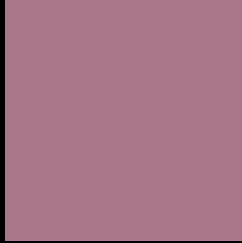
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7618, 23.5747, 27.1319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

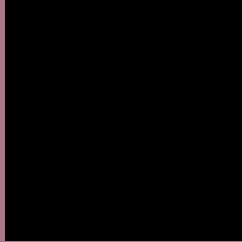
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7618, 23.5747, 27.1319

Background



This preview shows how black text looks on a background with the XYZ color 27.7618, 23.5747, 27.1319.



This preview shows how white text looks on a background with the XYZ color 27.7618, 23.5747,

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

27.7618, 23.5747, 27.1319

Protanopia

23.0916, 23.7559, 30.5624

Deuteranopia

24.1036, 23.7626, 26.6088



Tritanopia

27.1079, 23.4797, 24.2224

Trichromacy



Original Color

27.7618, 23.5747, 27.1319

Protanomaly

24.5312, 23.5325, 29.2359

Deuteranomaly

25.3026, 23.5979, 26.8882

Tritanomaly

27.3123, 23.5614, 25.2986

Monochromacy



Original Color

27.7618, 23.5747, 27.1319

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7107, 24.0673, 27.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7618, 23.5747, 27.1319 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.7618, 23.5747, 27.1319 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, 138) }
```


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

```
.border{ border-color:rgb(170, 119, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7618, 23.5747, 27.1319 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, 138) }
```

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

```
.background{ background-color: rgb(170,  
119, 138) }
```

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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