

Converting Colors

XYZ(28.1193, 23.1499, 26.4289)

Have a look what the booklet for
XYZ(28.1193, 23.1499, 26.4289)
contains.

| | |
|--|----|
| XYZ(28.0302, 23.0377, 26.2619) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(28.0302, 23.0377,
26.2619)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AE7388 |
| RGB | 174, 115, 136 |
| RGB Percent | 68%, 45%, 53% |
| CMY | 0.3176, 0.5490, 0.4667 |
| CMYK | 0.00, 0.34, 0.22, 0.32 |
| HSL | 339°, 27%, 57% |
| HSV | 339°, 34%, 68% |
| XYZ | 28.0302, 23.0377, 26.2619 |
| YIQ | 135.0350, 28.4230, 19.0390 |

Conversions

Conversions Part 2

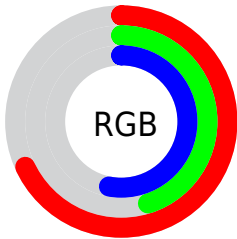
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 174, 115, 136 |
| Decimal | 11432840 |
| CIE _{Lab} | 55.11, 26.30, -1.89 |
| CIE _{LCh} | 55, 26.366, 355.890 |
| Yxy | 23.0377, 0.3625, 0.2979 |
| Android (android.graphics.Color) | 4289622920 (0xFFAE7388) |
| YUV | 135.0350, 0.4757, 34.1723 |
| Hunter-Lab | 47.9976, 20.2467, 1.1578 |

Details

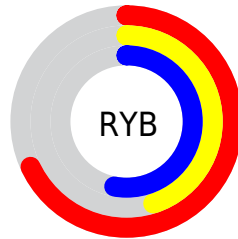
The XYZ color **28.0302, 23.0377, 26.2619** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9570, 36.2174, 35.6559**, and the grayscale version is **23.0336, 24.2331, 26.3898**.

A 20% lighter version of the original color is **56.1429, 48.6683, 54.5790**, and **11.3737, 8.5614, 9.8572** is the 20% darker color. If you saturate the color by 10%, you get **25.4749, 19.1356, 21.6837**, and if you desaturate by 10%, it is **31.0447, 27.7243, 31.4046**.

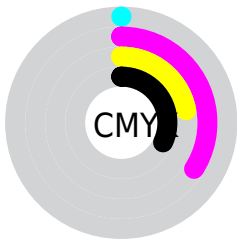
Distribution



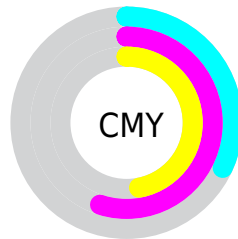
- Red (68%)
- Green (45%)
- Blue (53%)



- Red (68%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (32%)





- Cyan (32%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0302, 23.0377, 26.2619 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 28.0302, 23.0377, 26.2619 by changing the saturation by 10% instead.


 28.0302, 23.0377,
26.2619


 28.0302, 23.0377,
26.2619


284.6887,
267.9186, 297.7117


 18.4890, 14.6213,
16.7922


 55.9410, 48.4552,
54.6864


 11.4034, 8.5541,
9.9260


 75.0412, 66.2252,
74.4783

 6.4082, 4.4515,
5.2450


 98.0586, 87.8818,
98.5479

 3.1378, 1.9292,
2.3305

 125.3583,
113.8095, 127.3138

 1.2271, 0.5658,
0.7482

157.3058,
144.3926, 161.1947

 0.1276, 0.0000,
0.0000

194.2665,

 0.0000, 0.0000,

180.0155, 200.6089

0.0000

236.6057,
221.0627, 245.9750

■ 28.0302, 23.0377,
26.2619

■ 28.0302, 23.0377,
26.2619

■ 25.4749, 19.1356,
21.6837

■ 31.0447, 27.7243,
31.4046

■ 23.3530, 15.9715,
17.6482

■ 34.5382, 33.2320,
37.1297

■ 21.6394, 13.4989,
14.1340

■ 38.5319, 39.5992,
43.4561


■ 20.3052, 11.6648,
11.1175


■ 43.0451, 46.8606,
50.4013


■ 19.3176, 10.4081,
8.5731


■ 48.0959, 55.0494,
57.9819


 18.6374, 9.6557,
6.4720

 53.7016, 64.1966,
66.2142

 18.3231, 9.3457,
5.3849

 59.8788, 74.3322,
75.1136

 66.6433, 85.4847,
84.6951

 68.4824, 86.6254,
93.1306

Harmonies

Analogous

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



26.9163, 23.0377, 35.2977



28.0302, 23.0377, 26.2619



27.3837, 23.0377, 18.6606

Triad

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



28.0302, 23.0377, 26.2619



19.5208, 23.0377, 13.1603



18.8783, 23.0377, 41.0106

Complementary

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



28.0302, 23.0377, 26.2619



27.9570, 36.2174, 35.6559

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.



17.1964, 23.0377, 32.8348



28.0302, 23.0377, 26.2619



17.5434, 23.0377, 17.0594

Square

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



28.0302, 23.0377, 26.2619



22.3041, 23.0377, 12.1574



16.7302, 23.0377, 23.9421



21.4942, 23.0377, 44.9355

Rectangle

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



28.0302, 23.0377, 26.2619



26.0699, 23.0377, 15.1663



16.7302, 23.0377, 23.9421



18.1944, 23.0377, 38.5903

Sweetspot

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



28.0309, 23.0388, 26.2624



65.2419, 64.4001, 71.4990



26.7892, 22.0295, 42.8847



14.2845, 13.9695, 15.5467



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.0309, 23.0388, 26.2624



47.1507, 36.1361, 41.0570



27.6173, 24.3704, 19.4694



8.1186, 8.0607, 8.9353



13.3159, 6.7889, 4.0427



0.3970, 0.1995, 0.2521

Inverse Universe

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



28.0309, 23.0388, 26.2624



47.1507, 36.1361, 41.0570



28.3715, 34.0224, 45.1162



8.1186, 8.0607, 8.9353



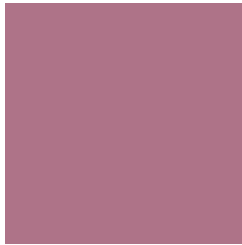
13.3159, 6.7889, 4.0427



0.3970, 0.1995, 0.2521

Previews

White Background



This preview shows how the XYZ color 28.0302, 23.0377, 26.2619 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 28.0302, 23.0377, 26.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

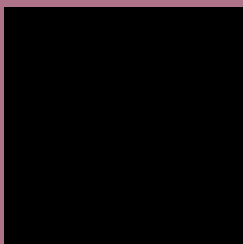
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0302, 23.0377, 26.2619

Background



This preview shows how black text looks on a background with the XYZ color 28.0302, 23.0377, 26.2619.



This preview shows how white text looks on a background with the XYZ color 28.0302, 23.0377,

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

28.0302, 23.0377, 26.2619

Protanopia

22.6647, 23.1332, 30.4647

Deuteranopia

23.5238, 23.0889, 25.7710



Tritanopia

27.3608, 23.1132, 22.7579

Trichromacy



Original Color

28.0302, 23.0377, 26.2619

Protanomaly

24.2487, 22.8233, 28.7185

Deuteranomaly

24.9737, 22.8837, 26.0224

Tritanomaly

27.5082, 22.9867, 24.1061

Monochromacy



Original Color

28.0302, 23.0377, 26.2619

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.4868, 23.5772, 26.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0302, 23.0377, 26.2619 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(174, 115, 136)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 136)  
}
```

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(174, 115, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.0302, 23.0377, 26.2619 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(174, 115, 136) }
```


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

```
.border{ border-color:rgb(174, 115, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 115, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 136);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0302, 23.0377, 26.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 136) }
```

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

```
.background{ background-color: rgb(174,  
115, 136) }
```

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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