

Converting Colors

XYZ(28.1236, 24.2651, 23.7330)

Have a look what the booklet for
XYZ(28.1236, 24.2651, 23.7330)
contains.

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Color

**XYZ(27.9672, 24.1175,
23.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7980
RGB	173, 121, 128
RGB Percent	68%, 47%, 50%
CMY	0.3216, 0.5255, 0.4980
CMYK	0.00, 0.30, 0.26, 0.32
HSL	352°, 24%, 58%
HSV	352°, 30%, 68%
XYZ	27.9672, 24.1175, 23.6032
YIQ	137.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

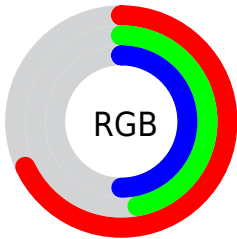
Format	Color
RYB	173, 121, 128
Decimal	11368832
CIELab	56.21, 21.33, 4.35
CIElCh	56, 21.772, 11.521
Yxy	24.1175, 0.3695, 0.3186
Android (android.graphics.Color)	4289558912 (0xFFAD7980)
YUV	137.3460, -4.6076, 31.2686
Hunter-Lab	49.1096, 15.7115, 5.8805

Details

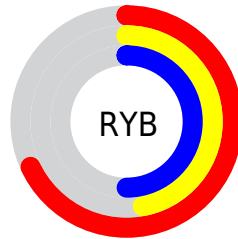
The XYZ color **27.9672, 24.1175, 23.6032** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7126, 36.7057, 41.5971**, and the grayscale version is **23.9187, 25.1643, 27.4039**.

A 20% lighter version of the original color is **55.7896, 50.2663, 50.4780**, and **11.3364, 9.1212, 8.5602** is the 20% darker color. If you saturate the color by 10%, you get **25.1365, 19.9184, 18.1511**, and if you desaturate by 10%, it is **31.3217, 29.1311, 29.9479**.

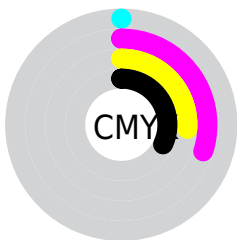
Distribution



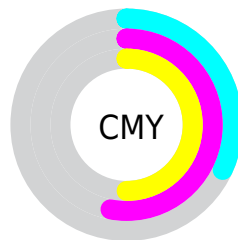
- Red (68%)
- Green (47%)
- Blue (50%)



- Red (68%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (32%)





- Cyan (32%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9672, 24.1175, 23.6032 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 27.9672, 24.1175, 23.6032 by changing the saturation by 10% instead.


 27.9672, 24.1175,
23.6032


 27.9672, 24.1175,
23.6032


284.3931,
273.4140, 284.0299


 18.4413, 15.4208,
14.8301


 55.8411, 50.2219,
50.3176

 11.3689, 9.1152,
8.5549


 74.9197, 68.3983,
69.0959

 6.3846, 4.8164,
4.3592


 97.9133, 90.5035,
92.0464

 3.1232, 2.1400,
1.8244

125.1873,
116.9218, 119.5876

 1.2192, 0.6870,
0.4440

157.1068,
148.0376, 152.1379

 0.1215, 0.0000,
0.0000

194.0374,

 0.0000, 0.0000,

184.2353, 190.1161

0.0000

236.3444,
225.8993, 233.9406

■ 27.9672, 24.1175,
23.6032

■ 27.9672, 24.1175,
23.6032

■ 25.1365, 19.9184,
18.1511

■ 31.3217, 29.1311,
29.9479

■ 22.8011, 16.4875,
13.5499

■ 35.2227, 34.9954,
37.2214

■ 20.9327, 13.7792,
9.7571

■ 39.6937, 41.7487,
45.4595


■ 19.4997, 11.7415,
6.7254


■ 44.7566, 49.4259,
54.6958

■ 18.4660, 10.3157,
4.4029

■ 50.4319, 58.0600,
64.9622


 17.7898, 9.4325,
2.7310

 56.7392, 67.6823,
76.2893

 17.3911, 8.9472,
1.6357

 63.6972, 78.3229,
88.7063

 69.9025, 87.1678,
101.7675

 71.0436, 87.6242,
107.7765

Harmonies

Analogous

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



27.7950, 24.1175, 30.8733



27.9672, 24.1175, 23.6032



26.7167, 24.1175, 18.1448

Triad

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



27.9672, 24.1175, 23.6032



19.8796, 24.1175, 17.2362



21.4317, 24.1175, 41.6141

Complementary

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



27.9672, 24.1175, 23.6032



29.7126, 36.7057, 41.5971

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.



19.5065, 24.1175, 36.4925



27.9672, 24.1175, 23.6032



18.6564, 24.1175, 22.1305

Square

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



27.9672, 24.1175, 23.6032



21.9755, 24.1175, 14.9412



18.5249, 24.1175, 29.1087



23.8972, 24.1175, 42.2052

Rectangle

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



27.9672, 24.1175, 23.6032



25.2943, 24.1175, 15.9159



18.5249, 24.1175, 29.1087



20.7047, 24.1175, 40.3271

Sweetspot

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



27.9679, 24.1186, 23.6037



63.7589, 63.6952, 67.9151



29.9396, 24.7139, 42.7274



13.6256, 13.4948, 14.3322



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.



27.9679, 24.1186, 23.6037



46.6531, 38.0910, 35.6779



29.9471, 28.7889, 22.0691



8.0475, 8.0322, 8.5609



12.7891, 6.5782, 1.2689



0.3691, 0.1883, 0.1056

Inverse Universe

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



27.9679, 24.1186, 23.6037



46.6531, 38.0910, 35.6779



27.1170, 30.4591, 43.9852



8.0475, 8.0322, 8.5609



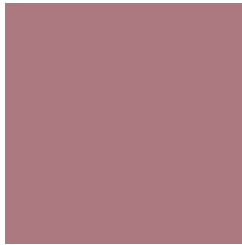
12.7891, 6.5782, 1.2689



0.3691, 0.1883, 0.1056

Previews

White Background



This preview shows how the XYZ color 27.9672, 24.1175, 23.6032 looks on a white background.

Color Contrast Check

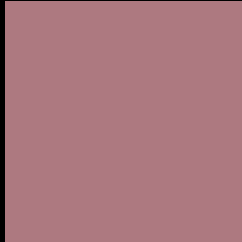
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9672, 24.1175, 23.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

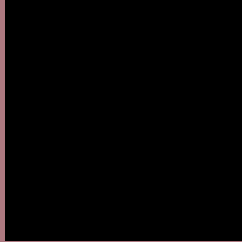
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9672, 24.1175, 23.6032

Background



This preview shows how black text looks on a background with the XYZ color 27.9672, 24.1175, 23.6032.



This preview shows how white text looks on a background with the XYZ color 27.9672, 24.1175,

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

27.9672, 24.1175, 23.6032

Protanopia

23.2856, 24.1461, 26.7259

Deuteranopia

24.5110, 24.0509, 23.0891



Tritanopia

28.1002, 24.1707, 24.3035

Trichromacy



Original Color

27.9672, 24.1175, 23.6032

Protanomaly

24.6616, 23.8780, 25.4994

Deuteranomaly

25.7182, 24.0820, 23.3715

Tritanomaly

28.0334, 24.1440, 23.9516

Monochromacy



Original Color

27.9672, 24.1175, 23.6032

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9971, 24.4379, 25.9537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9672, 24.1175, 23.6032 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(173, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 121, 128)  
}
```

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(173, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.9672, 24.1175, 23.6032 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(173, 121, 128) }
```


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

```
.border{ border-color:rgb(173, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(173, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9672, 24.1175, 23.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 121, 128) }
```

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

```
.background{ background-color: rgb(173,  
121, 128) }
```

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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