

Converting Colors

XYZ(27.1137, 23.8917, 24.9860)

Have a look what the booklet for
XYZ(27.1137, 23.8917, 24.9860)
contains.

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Color

**XYZ(27.0607, 23.8005,
24.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	A77A84
RGB	167, 122, 132
RGB Percent	65%, 48%, 52%
CMY	0.3451, 0.5216, 0.4823
CMYK	0.00, 0.27, 0.21, 0.35
HSL	347°, 20%, 57%
HSV	347°, 27%, 65%
XYZ	27.0607, 23.8005, 24.9975
YIQ	136.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

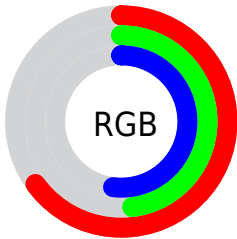
Format	Color
RYB	167, 122, 132
Decimal	10975876
CIELab	55.89, 19.07, 1.48
CIElCh	56, 19.127, 4.437
Yxy	23.8005, 0.3567, 0.3137
Android (android.graphics.Color)	4289165956 (0xFFA77A84)
YUV	136.5950, -2.2653, 26.6652
Hunter-Lab	48.7858, 13.6361, 3.7702

Details

The XYZ color **27.0607, 23.8005, 24.9975** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9315, 34.2098, 37.0309**, and the grayscale version is **23.6277, 24.8582, 27.0705**.

A 20% lighter version of the original color is **54.5184, 49.8507, 52.6477**, and **10.8833, 8.9670, 9.3408** is the 20% darker color. If you saturate the color by 10%, you get **24.3494, 19.7129, 19.9779**, and if you desaturate by 10%, it is **30.2364, 28.6393, 30.7186**.

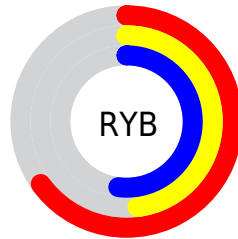
Distribution



Red (65%)

Green (48%)

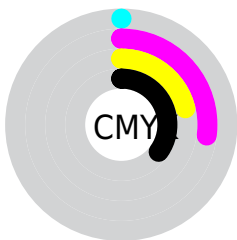
Blue (52%)



Red (65%)

Yellow (48%)

Blue (52%)

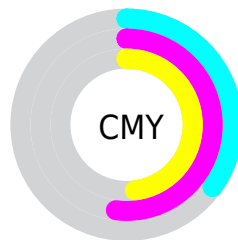


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0607, 23.8005, 24.9975 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 27.0607, 23.8005, 24.9975 by changing the saturation by 10% instead.


 27.0607, 23.8005,
24.9975


 27.0607, 23.8005,
24.9975


280.1131,
271.8103, 291.2728


 17.7556, 15.1857,
15.8562


 54.4005, 49.7044,
52.6172

 10.8733, 8.9498,
9.2692


 73.1659, 67.7624,
71.9327

 6.0484, 4.7085,
4.8180


 95.8154, 89.7368,
95.4767

 2.9155, 2.0772,
2.0840

122.7145,
116.0122, 123.6677

 1.1092, 0.6518,
0.6062

154.2285,
146.9728, 156.9243

 0.0328, 0.0000,
0.0000

190.7226,

 0.0000, 0.0000,

183.0031, 195.6650

0.0000

232.5624,
224.4875, 240.3083

■ 27.0607, 23.8005,
24.9975

■ 27.0607, 23.8005,
24.9975

■ 24.3494, 19.7129,
19.9779

■ 30.2364, 28.6393,
30.7186

■ 22.0785, 16.3356,
15.6309

■ 33.8950, 34.2610,
37.1655

■ 20.2247, 13.6287,
11.9279

■ 38.0566, 40.6994,
44.3632

■ 18.7618, 11.5471,
8.8374

■ 42.7395, 47.9856,
52.3351

■ 17.6604, 10.0401,
6.3254

■ 47.9609, 56.1488,
61.1033

■ 16.8869, 9.0488,
4.3542

■ 53.7373, 65.2169,
70.6893

■ 16.3933, 8.4869,
2.8785

■ 60.0847, 75.2165,
81.1138

■ 16.2719, 8.3497,
2.5127

■ 66.8250, 85.7870,
92.3321

■ 68.7811, 86.5694,
102.6328

Harmonies

Analogous

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



26.6152, 23.8005, 31.4441



27.0607, 23.8005, 24.9975



26.2556, 23.8005, 19.7048

Triad

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



27.0607, 23.8005, 24.9975



20.3344, 23.8005, 17.2256



20.8617, 23.8005, 38.3148

Complementary

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



27.0607, 23.8005, 24.9975



27.9315, 34.2098, 37.0309

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.



19.3395, 23.8005, 33.3088



27.0607, 23.8005, 24.9975



19.0490, 23.8005, 21.0748

Square

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



27.0607, 23.8005, 24.9975



22.2991, 23.8005, 15.6990



18.6967, 23.8005, 26.8541



22.9473, 23.8005, 39.8113

Rectangle

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



27.0607, 23.8005, 24.9975



25.1466, 23.8005, 17.3288



18.6967, 23.8005, 26.8541



20.2716, 23.8005, 36.9511

Sweetspot

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



27.0614, 23.8016, 24.9980



59.8697, 60.0735, 65.1039



27.7426, 23.8282, 39.6964



13.1739, 13.0987, 14.1770



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.



27.0614, 23.8016, 24.9980



45.6284, 38.3395, 39.5516



27.9750, 26.6718, 22.0875



7.5968, 7.5686, 8.1941



12.4672, 6.3956, 2.0058



0.3215, 0.1629, 0.1446

Inverse Universe

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



27.0614, 23.8016, 24.9980



45.6284, 38.3395, 39.5516



26.7233, 30.3710, 41.0130



7.5968, 7.5686, 8.1941



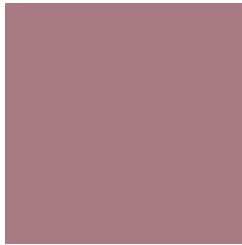
12.4672, 6.3956, 2.0058



0.3215, 0.1629, 0.1446

Previews

White Background



This preview shows how the XYZ color 27.0607, 23.8005, 24.9975 looks on a white background.

Color Contrast Check

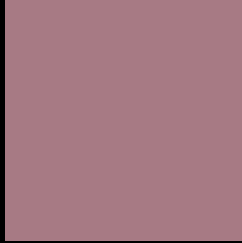
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0607, 23.8005, 24.9975 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 27.0607, 23.8005, 24.9975

Background



This preview shows how black text looks on a background with the XYZ color 27.0607, 23.8005, 24.9975.

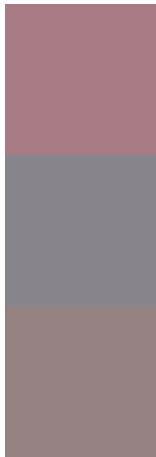


This preview shows how white text looks on a background with the XYZ color 27.0607, 23.8005,

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

27.0607, 23.8005, 24.9975

Protanopia

23.0394, 23.7900, 27.8037

Deuteranopia

24.2921, 23.8999, 24.8055



Tritanopia

26.9926, 23.7733, 24.6388

Trichromacy



Original Color

27.0607, 23.8005, 24.9975

Protanomaly

24.3268, 23.6811, 26.5813

Deuteranomaly

25.2037, 23.7860, 24.7355

Tritanomaly

26.9926, 23.7733, 24.6388

Monochromacy



Original Color

27.0607, 23.8005, 24.9975

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8372, 24.5477, 26.3508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0607, 23.8005, 24.9975 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(167, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 132)  
}
```

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(167, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.0607, 23.8005, 24.9975 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(167, 122, 132) }
```


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

```
.border{ border-color:rgb(167, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(167, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0607, 23.8005, 24.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 132) }
```

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

```
.background{ background-color: rgb(167,  
122, 132) }
```

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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