

Converting Colors

XYZ(27.7287, 23.9714, 24.6382)

Have a look what the booklet for
XYZ(27.7287, 23.9714, 24.6382)
contains.

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Color

**XYZ(27.7287, 23.9714,
24.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7983
RGB	171, 121, 131
RGB Percent	67%, 47%, 51%
CMY	0.3294, 0.5255, 0.4863
CMYK	0.00, 0.29, 0.23, 0.33
HSL	348°, 23%, 57%
HSV	348°, 29%, 67%
XYZ	27.7287, 23.9714, 24.6382
YIQ	137.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

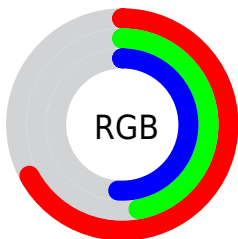
Format	Color
R_{YB}	171, 121, 131
Decimal	11237763
CIE _{Lab}	56.06, 21.01, 2.37
CIE _{LCh}	56, 21.148, 6.422
Y _{xy}	23.9714, 0.3632, 0.3140
Android (android.graphics.Color)	4289427843 (0xFFAB7983)
Y _{UV}	137.0900, -3.0024, 29.7391
Hunter-Lab	48.9606, 15.4119, 4.4362

Details

The XYZ color **27.7287, 23.9714, 24.6382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8821, 35.7646, 39.1011**, and the grayscale version is **23.8164, 25.0567, 27.2868**.

A 20% lighter version of the original color is **55.4663, 50.0637, 52.0873**, and **11.3116, 9.0955, 9.1421** is the 20% darker color. If you saturate the color by 10%, you get **24.9651, 19.8313, 19.4404**, and if you desaturate by 10%, it is **30.9845, 28.8995, 30.6047**.

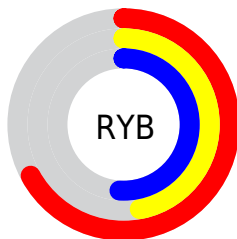
Distribution



Red (67%)

Green (47%)

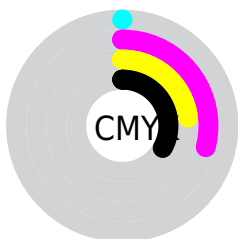
Blue (51%)



Red (67%)

Yellow (47%)

Blue (51%)

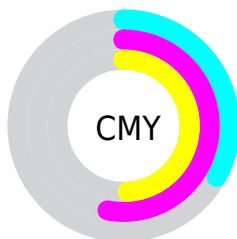


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (33%)



Cyan (33%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7287, 23.9714, 24.6382 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 27.7287, 23.9714, 24.6382 by changing the saturation by 10% instead.


 27.7287, 23.9714,
24.6382


 27.7287, 23.9714,
24.6382

283.2719,
272.6759, 289.4211


 18.2607, 15.3124,
15.5911


 55.4627, 49.9835,
52.0265

 11.2381, 9.0389,
9.0841


 74.4593, 68.1054,
71.2048

 6.2957, 4.7666,
4.6985


 97.3629, 90.1505,
94.5973

 3.0681, 2.1110,
2.0159

124.5387,
116.5030, 122.6225

 1.1899, 0.6708,
0.5650

156.3522,
147.5474, 155.6989

 0.0983, 0.0000,
0.0000

193.1687,

 0.0000, 0.0000,

183.6681, 194.2451

0.0000

235.3534,
225.2494, 238.6797

■ 27.7287, 23.9714,
24.6382

■ 27.7287, 23.9714,
24.6382

■ 24.9651, 19.8313,
19.4404

■ 30.9845, 28.8995,
30.6047

■ 22.6674, 16.4349,
14.9783

■ 34.7529, 34.6499,
37.3682

■ 20.8100, 13.7389,
11.2185

■ 39.0558, 41.2593,
44.9572

■ 19.3640, 11.6939,
8.1246

■ 43.9131, 48.7610,
53.3985

■ 18.2966, 10.2443,
5.6566

■ 49.3436, 57.1864,
62.7176

■ 17.5702, 9.3248,
3.7701

■ 55.3654, 66.5655,
72.9389

■ 17.1157, 8.8090,
2.4066

■ 61.9957, 76.9271,
84.0860

■ 17.0861, 8.7746,
2.3209

■ 68.3496, 86.4959,
95.8810

■ 70.4648, 87.3420,
107.0197

Harmonies

Analogous

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



27.3211, 23.9714, 31.8033



27.7287, 23.9714, 24.6382



26.7378, 23.9714, 18.9602

Triad

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



27.7287, 23.9714, 24.6382



20.1312, 23.9714, 16.7778



20.9728, 23.9714, 40.3212

Complementary

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



27.7287, 23.9714, 24.6382



28.8821, 35.7646, 39.1011

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.



19.2407, 23.9714, 34.8408



27.7287, 23.9714, 24.6382



18.7794, 23.9714, 21.1243

Square

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



27.7287, 23.9714, 24.6382



22.2675, 23.9714, 14.9701



18.4653, 23.9714, 27.6201



23.3086, 23.9714, 41.7120

Rectangle

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



27.7287, 23.9714, 24.6382



25.4561, 23.9714, 16.4968



18.4653, 23.9714, 27.6201



20.3059, 23.9714, 38.8542

Sweetspot

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



27.7294, 23.9725, 24.6387



62.2970, 62.1425, 67.0247



28.8868, 24.1933, 41.6755



13.6656, 13.5108, 14.5428



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.



27.7294, 23.9725, 24.6387



46.4036, 38.0424, 38.0301



29.0507, 27.6478, 21.8960



8.0683, 8.0406, 8.6704



12.8960, 6.6210, 1.8320



0.3773, 0.1916, 0.1489

Inverse Universe

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



27.7294, 23.9725, 24.6387



46.4036, 38.0424, 38.0301



27.1252, 30.7830, 43.0403



8.0683, 8.0406, 8.6704



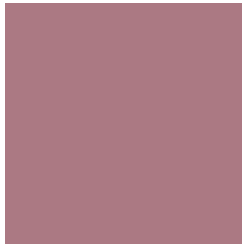
12.8960, 6.6210, 1.8320



0.3773, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 27.7287, 23.9714, 24.6382 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 27.7287, 23.9714, 24.6382 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 27.7287, 23.9714, 24.6382

Background



This preview shows how black text looks on a background with the XYZ color 27.7287, 23.9714, 24.6382.



This preview shows how white text looks on a background with the XYZ color 27.7287, 23.9714,

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

27.7287, 23.9714, 24.6382

Protanopia

23.2659, 24.1194, 27.4740

Deuteranopia

24.5228, 24.0343, 24.1155



Tritanopia

27.6612, 23.9444, 24.2829

Trichromacy



Original Color

27.7287, 23.9714, 24.6382

Protanomaly

24.6179, 23.8393, 26.2256

Deuteranomaly

25.7192, 24.0596, 24.4075

Tritanomaly

27.6612, 23.9444, 24.2829

Monochromacy



Original Color

27.7287, 23.9714, 24.6382

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8839, 24.3714, 26.3143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7287, 23.9714, 24.6382 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(171, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(171, 121, 131)  
}
```

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(171, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 121, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.7287, 23.9714, 24.6382 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(171, 121, 131) }
```


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

```
.border{ border-color:rgb(171, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(171, 121,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7287, 23.9714, 24.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 121, 131) }
```

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

```
.background{ background-color: rgb(171,  
121, 131) }
```

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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