

Converting Colors

XYZ(27.7892, 24.1281, 29.7870)

Have a look what the booklet for
XYZ(27.7892, 24.1281, 29.7870)
contains.

XYZ(27.7963, 24.0704, 29.9691)	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(27.7963, 24.0704,
29.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	A67A91
RGB	166, 122, 145
RGB Percent	65%, 48%, 57%
CMY	0.3490, 0.5216, 0.4314
CMYK	0.00, 0.27, 0.13, 0.35
HSL	329°, 20%, 56%
HSV	329°, 27%, 65%
XYZ	27.7963, 24.0704, 29.9691
YIQ	137.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

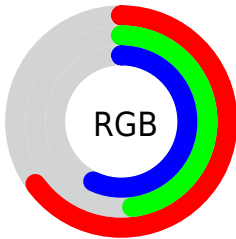
Format	Color
R_{YB}	166, 122, 145
Decimal	10910353
CIE Lab	56.16, 20.86, -5.69
CIE LCh	56, 21.618, 344.750
Yxy	24.0704, 0.3397, 0.2941
Android (android.graphics.Color)	4289100433 (0xFFA67A91)
YUV	137.7780, 3.5604, 24.7507
Hunter-Lab	49.0616, 15.2730, -1.8740

Details

The XYZ color **27.7963, 24.0704, 29.9691** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6212, 33.3939, 31.0308**, and the grayscale version is **24.0553, 25.3081, 27.5605**.

A 20% lighter version of the original color is **55.7630, 50.3131, 60.8052**, and **11.2582, 9.1020, 11.9900** is the 20% darker color. If you saturate the color by 10%, you get **25.3398, 20.1011, 26.2404**, and if you desaturate by 10%, it is **30.6450, 28.7553, 34.0393**.

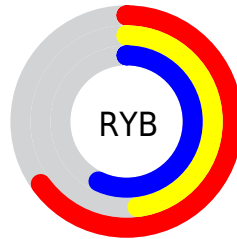
Distribution



Red (65%)

Green (48%)

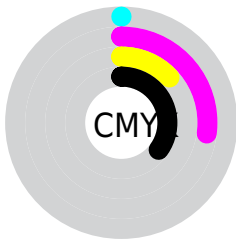
Blue (57%)



Red (65%)

Yellow (48%)

Blue (57%)

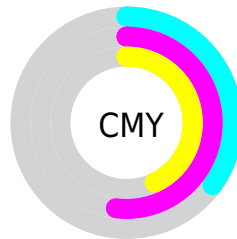


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7963, 24.0704, 29.9691 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 27.7963, 24.0704, 29.9691 by changing the saturation by 10% instead.

■ 27.7963, 24.0704,
29.9691

■ 27.7963, 24.0704,
29.9691

283.5900,
273.1762, 315.9632

■ 18.3118, 15.3859,
19.5633

■ 55.5700, 50.1451,
60.6737

■ 11.2751, 9.0906,
11.8971

■ 74.5899, 68.3040,
81.8096

■ 6.3209, 4.8003,
6.5519

■ 97.5190, 90.3898,
107.3593

■ 3.0837, 2.1306,
3.1093

124.7227,
116.7869, 137.7413

■ 1.1982, 0.6818,
1.1507

156.5663,
147.8797, 173.3741

■ 0.1049, 0.0000,
0.0000

193.4151,

■ 0.0000, 0.0000,

184.0526, 214.6764

0.0000

235.6346,
225.6899, 262.0666

■ 27.7963, 24.0704,
29.9691

■ 27.7963, 24.0704,
29.9691

■ 25.3398, 20.1011,
26.2404

■ 30.6450, 28.7553,
34.0393

■ 23.2549, 16.8083,
22.8413

■ 33.9010, 34.1856,
38.4595

■ 21.5220, 14.1543,
19.7612

■ 37.5813, 40.3936,
43.2395

■ 20.1191, 12.0964,
16.9881

■ 41.7012, 47.4087,
48.3883

■ 19.0213, 10.5862,
14.5091

■ 46.2751, 55.2585,
53.9146

■ 18.2000, 9.5681,
12.3098

■ 51.3169, 63.9696,
59.8267

■ 17.6149, 8.9634,
10.3716

■ 56.8399, 73.5673,
66.1326

■ 17.4369, 8.7914,
9.7450

■ 62.8567, 84.0757,
72.8402

■ 63.9210, 84.6011,
78.1374

Harmonies

Analogous

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



26.4037, 24.0704, 37.1582



27.7963, 24.0704, 29.9691



27.8086, 24.0704, 22.8818

Triad

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



27.7963, 24.0704, 29.9691



21.6850, 24.0704, 15.0921



19.6547, 24.0704, 37.0518

Complementary

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



27.7963, 24.0704, 29.9691



26.6212, 33.3939, 31.0308

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.



18.5680, 24.0704, 29.8431



27.7963, 24.0704, 29.9691



19.6813, 24.0704, 17.6537

Square

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



27.7963, 24.0704, 29.9691



24.1561, 24.0704, 15.1135



18.5774, 24.0704, 22.7766



21.6462, 24.0704, 41.7233

Rectangle

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



27.7963, 24.0704, 29.9691



27.0260, 24.0704, 19.1669



18.5774, 24.0704, 22.7766



19.1781, 24.0704, 34.7929

Sweetspot

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



27.7970, 24.0715, 29.9696



60.5024, 60.3266, 68.4358



25.0905, 22.4715, 39.0919



13.3389, 13.1647, 15.0458



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.



27.7970, 24.0715, 29.9696



47.6499, 39.1481, 50.1969



26.2908, 23.4690, 22.0380



7.6887, 7.6054, 8.6780



13.5451, 6.8267, 7.6818



0.3552, 0.1763, 0.3218

Inverse Universe

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



27.7970, 24.0715, 29.9696



47.6499, 39.1481, 50.1969



28.4122, 34.1103, 40.4620



7.6887, 7.6054, 8.6780



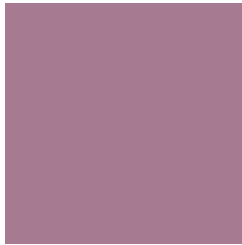
13.5451, 6.8267, 7.6818



0.3552, 0.1763, 0.3218

Previews

White Background



This preview shows how the XYZ color 27.7963, 24.0704, 29.9691 looks on a white background.

Color Contrast Check

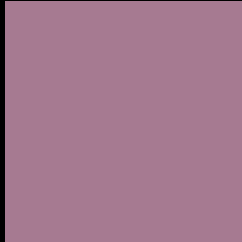
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7963, 24.0704, 29.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

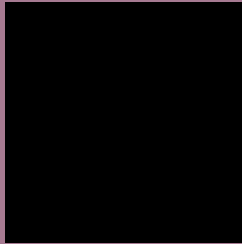
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7963, 24.0704, 29.9691

Background



This preview shows how black text looks on a background with the XYZ color 27.7963, 24.0704, 29.9691.



This preview shows how white text looks on a background with the XYZ color 27.7963, 24.0704,

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

27.7963, 24.0704, 29.9691

Protanopia

23.7083, 24.2227, 33.1317

Deuteranopia

24.5758, 24.1451, 29.3518



Tritanopia

27.0278, 24.1359, 25.7884

Trichromacy



Original Color

27.7963, 24.0704, 29.9691

Protanomaly

24.9090, 24.0645, 31.7658

Deuteranomaly

25.7021, 24.1274, 29.6880

Tritanomaly

27.1875, 24.0002, 27.2443

Monochromacy



Original Color

27.7963, 24.0704, 29.9691

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2717, 24.7215, 28.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7963, 24.0704, 29.9691 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(166, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 122, 145)  
}
```

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(166, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 122, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.7963, 24.0704, 29.9691 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(166, 122, 145) }
```


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

```
.border{ border-color:rgb(166, 122, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 122, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 122,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7963, 24.0704, 29.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 122, 145) }
```

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

```
.background{ background-color: rgb(166,  
122, 145) }
```

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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