

Converting Colors

XYZ(27.7875, 24.3012, 21.4376)

Have a look what the booklet for
XYZ(27.7875, 24.3012, 21.4376)
contains.

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Color

**XYZ(27.6443, 24.1838,
21.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7A79
RGB	173, 122, 121
RGB Percent	68%, 48%, 47%
CMY	0.3216, 0.5216, 0.5255
CMYK	0.00, 0.29, 0.30, 0.32
HSL	1°, 24%, 58%
HSV	1°, 30%, 68%
XYZ	27.6443, 24.1838, 21.3001
YIQ	137.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

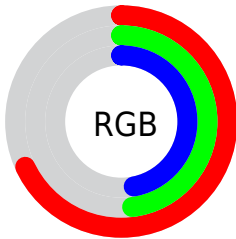
Format	Color
R_{YB}	173, 122, 121
Decimal	11369081
CIE Lab	56.27, 19.76, 8.50
CIE LCh	56, 21.516, 23.283
Yxy	24.1838, 0.3780, 0.3307
Android (android.graphics.Color)	4289559161 (0xFFAD7A79)
YUV	137.1350, -7.9546, 31.4536
Hunter-Lab	49.1770, 14.2819, 8.7436

Details

The XYZ color **27.6443, 24.1838, 21.3001** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.1800, 36.5858, 45.0063**, and the grayscale version is **23.8505, 25.0926, 27.3258**.

A 20% lighter version of the original color is **55.5059, 50.5001, 46.3572**, and **11.1929, 9.1681, 7.4830** is the 20% darker color. If you saturate the color by 10%, you get **24.7726, 19.9887, 15.5697**, and if you desaturate by 10%, it is **31.0712, 29.1847, 28.1547**.

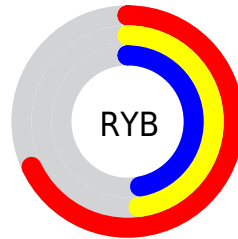
Distribution



Red (68%)

Green (48%)

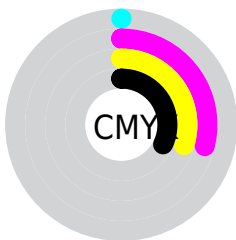
Blue (47%)



Red (68%)

Yellow (48%)

Blue (47%)

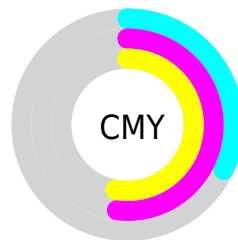


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (32%)



Cyan (32%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6443, 24.1838, 21.3001 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 27.6443, 24.1838, 21.3001 by changing the saturation by 10% instead.


 27.6443, 24.1838,
21.3001


 27.6443, 24.1838,
21.3001


282.8743,
273.7484, 271.7023


 18.1968, 15.4700,
13.1502


 55.3287, 50.3300,
46.4737

 11.1919, 9.1499,
7.4001


 74.2962, 68.5311,
64.3345

 6.2643, 4.8391,
3.6313


 97.1679, 90.6636,
86.2692

 3.0486, 2.1532,
1.4254

124.3089,
117.1117, 112.6966

 1.1795, 0.6943,
0.1614

156.0847,
148.2598, 144.0350

 0.0901, 0.0000,
0.0000

192.8606,

 0.0000, 0.0000,

184.4924, 180.7031

0.0000

235.0021,
226.1938, 223.1193

■ 27.6443, 24.1838,
21.3001

■ 27.6443, 24.1838,
21.3001

■ 24.7726, 19.9887,
15.5697

■ 31.0712, 29.1847,
28.1547

■ 22.4252, 16.5540,
10.9023

■ 35.0785, 35.0268,
36.1876

■ 20.5709, 13.8352,
7.2329


■ 39.6918, 41.7475,
45.4510

■ 19.1747, 11.7818,
4.4888


■ 44.9349, 49.3809,
55.9936


■ 18.1966, 10.3366,
2.5876

■ 50.8303, 57.9596,
67.8614

 17.5902, 9.4330,
1.4322

 57.3993, 67.5141,
81.0982

 17.2698, 8.9567,
0.8186

 64.6623, 78.0740,
95.7457

 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.



28.0479, 24.1838, 27.9600



27.6443, 24.1838, 21.3001



25.9527, 24.1838, 16.8417

Triad

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



27.6443, 24.1838, 21.3001



19.3756, 24.1838, 18.9900



22.4334, 24.1838, 42.3344

Complementary

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



27.6443, 24.1838, 21.3001



30.1800, 36.5858, 45.0063

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.



20.2545, 24.1838, 38.8492



27.6443, 24.1838, 21.3001



18.5729, 24.1838, 24.7686

Square

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



27.6443, 24.1838, 21.3001



21.1543, 24.1838, 15.6849



18.8828, 24.1838, 32.1000



24.9204, 24.1838, 40.9537

Rectangle

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



27.6443, 24.1838, 21.3001



24.3834, 24.1838, 15.3096



18.8828, 24.1838, 32.1000



21.6430, 24.1838, 41.6752

Sweetspot

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



27.6449, 24.1849, 21.3006



63.5224, 63.7493, 66.2120



31.5303, 25.5429, 42.3654



13.5674, 13.5080, 13.9128



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.



27.6449, 24.1849, 21.3006



46.0215, 38.2176, 31.1831



31.2539, 31.4029, 22.5036



8.0172, 8.0392, 8.3425



12.6922, 6.5898, 0.6030



0.3570, 0.1912, 0.0181

Inverse Universe

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



30.1800, 36.5858, 45.0063



51.2887, 63.9886, 80.4536



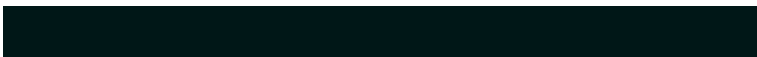
25.7277, 27.6812, 43.5222



8.2229, 9.0452, 10.2652



16.0602, 23.2542, 32.6866



0.4509, 0.6551, 0.9107

Previews

White Background



This preview shows how the XYZ color 27.6443, 24.1838, 21.3001 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 27.6443, 24.1838, 21.3001 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 27.6443, 24.1838, 21.3001

Background



This preview shows how black text looks on a background with the XYZ color 27.6443, 24.1838, 21.3001.



This preview shows how white text looks on a background with the XYZ color 27.6443, 24.1838,

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

27.6443, 24.1838, 21.3001

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.6388, 24.1672, 20.8189



Tritanopia

28.3222, 24.2851, 24.3138

Trichromacy



Original Color

27.6443, 24.1838, 21.3001

Protanomaly

24.4468, 24.0252, 22.7509

Deuteranomaly

25.6775, 24.1119, 21.0700

Tritanomaly

28.1237, 24.2057, 23.2686

Monochromacy



Original Color

27.6443, 24.1838, 21.3001

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9257, 24.6253, 24.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6443, 24.1838, 21.3001 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, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(173, 122, 121)  
}
```

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, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.6443, 24.1838, 21.3001 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, 122, 121) }
```


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

```
.border{ border-color:rgb(173, 122, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(173, 122,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6443, 24.1838, 21.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 122, 121) }
```

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

```
.background{ background-color: rgb(173,  
122, 121) }
```

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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