

Converting Colors

XYZ(27.8443, 24.1380, 21.9951)

Have a look what the booklet for
XYZ(27.8443, 24.1380, 21.9951)
contains.

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Color

**XYZ(27.8681, 24.1035,
21.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	AE797B
RGB	174, 121, 123
RGB Percent	68%, 47%, 48%
CMY	0.3176, 0.5255, 0.5176
CMYK	0.00, 0.30, 0.29, 0.32
HSL	358°, 25%, 58%
HSV	358°, 30%, 68%
XYZ	27.8681, 24.1035, 21.9225
YIQ	137.0750, 30.9460, 11.8580

Conversions

Conversions Part 2

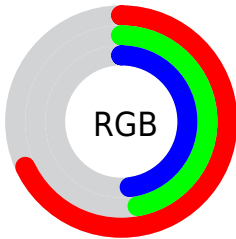
Format	Color
RYB	174, 121, 123
Decimal	11434363
CIELab	56.19, 21.00, 7.25
CIELCh	56, 22.215, 19.038
Yxy	24.1035, 0.3771, 0.3262
Android (android.graphics.Color)	4289624443 (0xFFAE797B)
YUV	137.0750, -6.9390, 32.3832
Hunter-Lab	49.0953, 15.4056, 7.8920

Details

The XYZ color **27.8681, 24.1035, 21.9225** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.4687, 37.3162, 44.6286**, and the grayscale version is **23.8240, 25.0647, 27.2955**.

A 20% lighter version of the original color is **55.8289, 50.3562, 47.3347**, and **11.2991, 9.1222, 7.6438** is the 20% darker color. If you saturate the color by 10%, you get **24.9811, 19.8659, 16.2235**, and if you desaturate by 10%, it is **31.3171, 29.1779, 28.6940**.

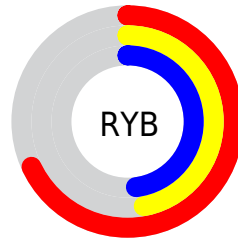
Distribution



Red (68%)

Green (47%)

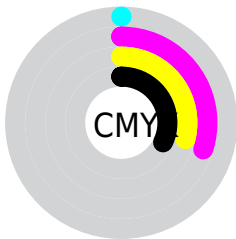
Blue (48%)



Red (68%)

Yellow (47%)

Blue (48%)

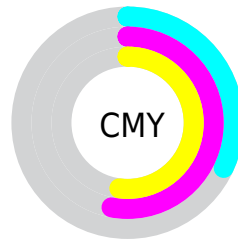


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8681, 24.1035, 21.9225 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 27.8681, 24.1035, 21.9225 by changing the saturation by 10% instead.


 27.8681, 24.1035,
21.9225


 27.8681, 24.1035,
21.9225

283.9276,
273.3433, 275.0816


 18.3662, 15.4104,
13.6022


 55.6839, 50.1990,
47.5184

 11.3145, 9.1079,
7.7089


 74.7285, 68.3703,
65.6311

 6.3476, 4.8116,
3.8242


 97.6848, 90.4697,
87.8450

 3.1003, 2.1372,
1.5294

124.9180,
116.8817, 114.5787

 1.2070, 0.6854,
0.2397

156.7935,
147.9907, 146.2506

 0.1119, 0.0000,
0.0000

193.6767,

 0.0000, 0.0000,

184.1810, 183.2794

0.0000

235.9330,
225.8371, 226.0835

■ 27.8681, 24.1035,
21.9225

■ 27.8681, 24.1035,
21.9225

■ 24.9811, 19.8659,
16.2235

■ 31.3171, 29.1779,
28.6940

■ 22.6245, 16.4169,
11.5406

■ 35.3537, 35.1271,
36.5873

■ 20.7666, 13.7089,
7.8145

■ 40.0040, 41.9906,
45.6509

■ 19.3716, 11.6876,
4.9792

■ 45.2923, 49.8049,
55.9294

■ 18.3986, 10.2913,
2.9604

■ 51.2414, 58.6042,
67.4657

■ 17.8000, 9.4474,
1.6717

■ 57.8729, 68.4212,
80.3000

■ 17.4915, 9.0131,
1.0060

■ 65.2077, 79.2870,
94.4712

■ 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



28.0724, 24.1035, 29.0086



27.8681, 24.1035, 21.9225



26.2792, 24.1035, 16.9989

Triad

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



27.8681, 24.1035, 21.9225



19.4005, 24.1035, 18.0681



21.9892, 24.1035, 42.5994

Complementary

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



27.8681, 24.1035, 21.9225



30.4687, 37.3162, 44.6286

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.



19.8412, 24.1035, 38.3508



27.8681, 24.1035, 21.9225



18.4222, 24.1035, 23.6620

Square

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



27.8681, 24.1035, 21.9225



21.3461, 24.1035, 15.0759



18.5773, 24.1035, 31.1005



24.5477, 24.1035, 41.8959

Rectangle

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



27.8681, 24.1035, 21.9225



24.7103, 24.1035, 15.1877



18.5773, 24.1035, 31.1005



21.1987, 24.1035, 41.6757

Sweetspot

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



27.8687, 24.1046, 21.9230



65.1590, 65.2377, 68.3779



31.3490, 25.4292, 43.3006



14.2296, 14.1271, 14.7045



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8687, 24.1046, 21.9230



46.6813, 38.0410, 32.1342



31.0100, 30.5851, 22.3597



8.0170, 8.0201, 8.4004



12.6917, 6.5392, 0.7560



0.3569, 0.1835, 0.0414

Inverse Universe

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



27.8687, 24.1046, 21.9230



46.6813, 38.0410, 32.1342



26.4565, 28.9826, 44.2443



8.0170, 8.0201, 8.4004



12.6917, 6.5392, 0.7560



0.3569, 0.1835, 0.0414

Previews

White Background



This preview shows how the XYZ color 27.8681, 24.1035, 21.9225 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 27.8681, 24.1035, 21.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

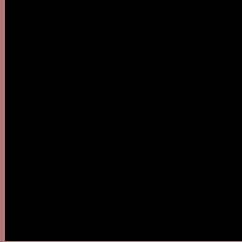
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8681, 24.1035, 21.9225

Background



This preview shows how black text looks on a background with the XYZ color 27.8681, 24.1035, 21.9225.



This preview shows how white text looks on a background with the XYZ color 27.8681, 24.1035,

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

27.8681, 24.1035, 21.9225

Protanopia

23.2018, 24.1509, 24.5578

Deuteranopia

24.5707, 24.1180, 21.4494



Tritanopia

28.3581, 24.1319, 23.9322

Trichromacy



Original Color

27.8681, 24.1035, 21.9225

Protanomaly

24.6299, 23.9082, 23.3953

Deuteranomaly

25.8002, 24.1610, 21.7161

Tritanomaly

28.2264, 24.0792, 23.2387

Monochromacy



Original Color

27.8681, 24.1035, 21.9225

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8588, 24.3826, 25.2259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8681, 24.1035, 21.9225 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(174, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(174, 121, 123)  
}
```

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(174, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 121, 123) }
```

Border

The CSS property to change the border of an element to XYZ 27.8681, 24.1035, 21.9225 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(174, 121, 123) }
```


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

```
.border{ border-color:rgb(174, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(174, 121,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8681, 24.1035, 21.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 121, 123) }
```

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

```
.background{ background-color: rgb(174,  
121, 123) }
```

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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