

Converting Colors

XYZ(28.2012, 24.3866, 21.2816)

Have a look what the booklet for
XYZ(28.2012, 24.3866, 21.2816)
contains.

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Color

**XYZ(28.3152, 24.5296,
21.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	B07A79
RGB	176, 122, 121
RGB Percent	69%, 48%, 47%
CMY	0.3098, 0.5216, 0.5255
CMYK	0.00, 0.31, 0.31, 0.31
HSL	1°, 26%, 58%
HSV	1°, 31%, 69%
XYZ	28.3152, 24.5296, 21.3315
YIQ	138.0320, 32.5050, 11.1370

Conversions

Conversions Part 2

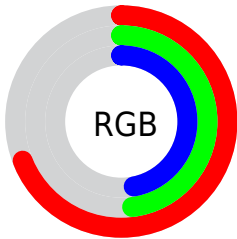
Format	Color
R_{YB}	176, 122, 121
Decimal	11565689
CIE _{Lab}	56.61, 20.94, 9.04
CIE _{LCh}	57, 22.811, 23.343
Yxy	24.5296, 0.3817, 0.3307
Android (android.graphics.Color)	4289755769 (0xFFB07A79)
YUV	138.0320, -8.3968, 33.2979
Hunter-Lab	49.5274, 15.3770, 9.1329

Details

The XYZ color **28.3152, 24.5296, 21.3315** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.0511, 37.8583, 46.7452**, and the grayscale version is **24.1925, 25.4524, 27.7177**.

A 20% lighter version of the original color is **56.4771, 51.0007, 46.4026**, and **11.6112, 9.3837, 7.5026** is the 20% darker color. If you saturate the color by 10%, you get **25.3965, 20.2648, 15.5107**, and if you desaturate by 10%, it is **31.8093, 29.6300, 28.3162**.

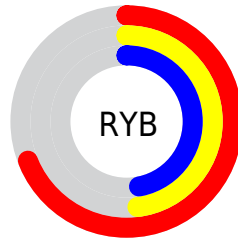
Distribution



Red (69%)

Green (48%)

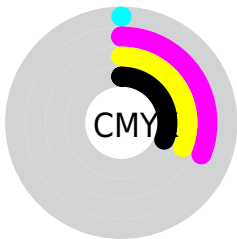
Blue (47%)



Red (69%)

Yellow (48%)

Blue (47%)

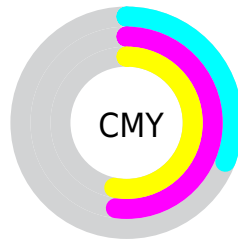


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3152, 24.5296, 21.3315 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 28.3152, 24.5296, 21.3315 by changing the saturation by 10% instead.


 28.3152, 24.5296,
21.3315


 28.3152, 24.5296,
21.3315


286.0228,
275.4871, 271.8737


 18.7051, 15.7269,
13.1729


 56.3924, 50.8931,
46.5265

 11.5601, 9.3311,
7.4156


 75.5902, 69.2227,
64.4001

 6.5150, 4.9578,
3.6410


 98.7146, 91.4967,
86.3490

 3.2043, 2.2225,
1.4305

126.1309,
118.0995, 112.7919

 1.2627, 0.7322,
0.1654

158.2045,
149.4156, 144.1473

 0.1550, 0.0000,
0.0000

195.3008,

 0.0000, 0.0000,

185.8293, 180.8337

0.0000

237.7852,
227.7250, 223.2696

■ 28.3152, 24.5296,
21.3315

■ 28.3152, 24.5296,
21.3315

■ 25.3965, 20.2648,
15.5107

■ 31.8093, 29.6300,
28.3162

■ 23.0207, 16.7877,
10.7891

■ 35.9054, 35.6033,
36.5215

■ 21.1547, 14.0512,
7.0982

■ 40.6305, 42.4891,
46.0026

■ 19.7613, 12.0017,
4.3611

■ 46.0097, 50.3234,
56.8104

■ 18.7982, 10.5782,
2.4899

■ 52.0666, 59.1402,
68.9933

■ 18.2153, 9.7092,
1.3811

■ 58.8235, 68.9719,
82.5973

■ 17.9394, 9.2998,
0.8495

■ 66.3019, 79.8494,
97.6661

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



28.7533, 24.5296, 28.4370



28.3152, 24.5296, 21.3315



26.4924, 24.5296, 16.6253

Triad

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



28.3152, 24.5296, 21.3315



19.4597, 24.5296, 18.9062



22.7287, 24.5296, 43.9919

Complementary

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



28.3152, 24.5296, 21.3315



31.0511, 37.8583, 46.7452

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.



20.4017, 24.5296, 40.2156



28.3152, 24.5296, 21.3315



18.6091, 24.5296, 25.0516

Square

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



28.3152, 24.5296, 21.3315



21.3526, 24.5296, 15.4217



18.9405, 24.5296, 32.9209



25.3934, 24.5296, 42.4802

Rectangle

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



28.3152, 24.5296, 21.3315



24.8066, 24.5296, 15.0214



18.9405, 24.5296, 32.9209



21.8838, 24.5296, 43.2786

Sweetspot

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



28.3159, 24.5308, 21.3320



66.8172, 67.0460, 69.6406



32.4881, 26.0035, 43.9073



14.2286, 14.1630, 14.5873



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.



28.3159, 24.5308, 21.3320



47.8513, 39.3711, 31.6979



32.1694, 32.2378, 22.6165



8.5084, 8.5293, 8.8504



13.1672, 6.8329, 0.6249



0.4184, 0.2232, 0.0210

Inverse Universe

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



31.0511, 37.8583, 46.7452



53.5467, 67.1270, 84.6299



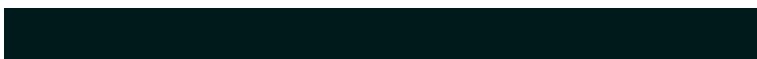
26.2465, 28.2491, 45.1437



8.7291, 9.6044, 10.9001



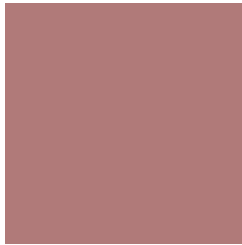
16.6895, 24.1793, 33.9244



0.5293, 0.7691, 1.0688

Previews

White Background



This preview shows how the XYZ color 28.3152, 24.5296, 21.3315 looks on a white background.

Color Contrast Check

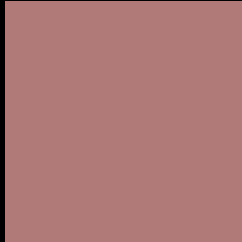
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3152, 24.5296, 21.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

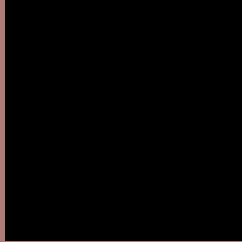
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3152, 24.5296, 21.3315

Background



This preview shows how black text looks on a background with the XYZ color 28.3152, 24.5296, 21.3315.



This preview shows how white text looks on a background with the XYZ color 28.3152, 24.5296,

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

28.3152, 24.5296, 21.3315

Protanopia

23.5157, 24.7423, 23.9584

Deuteranopia

24.9636, 24.5331, 20.8724



Tritanopia

28.9981, 24.6336, 24.3455

Trichromacy



Original Color

28.3152, 24.5296, 21.3315

Protanomaly

24.9548, 24.4856, 22.8130

Deuteranomaly

26.2136, 24.5809, 21.1323

Tritanomaly

28.7996, 24.5542, 23.3002

Monochromacy



Original Color

28.3152, 24.5296, 21.3315

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3650, 24.8439, 25.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3152, 24.5296, 21.3315 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(176, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.3152, 24.5296, 21.3315 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(176, 122, 121) }
```


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

```
.border{ border-color:rgb(176, 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(176, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(176, 122,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3152, 24.5296, 21.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 122, 121) }
```

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

```
.background{ background-color: rgb(176,  
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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