

Converting Colors

XYZ(27.6639, 23.8441, 22.4045)

Have a look what the booklet for
XYZ(27.6639, 23.8441, 22.4045)
contains.

XYZ(27.6517, 23.7978, 22.5381)	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(27.6517, 23.7978,
22.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	AD787D
RGB	173, 120, 125
RGB Percent	68%, 47%, 49%
CMY	0.3216, 0.5294, 0.5098
CMYK	0.00, 0.31, 0.28, 0.32
HSL	354°, 24%, 57%
HSV	354°, 31%, 68%
XYZ	27.6517, 23.7978, 22.5381
YIQ	136.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

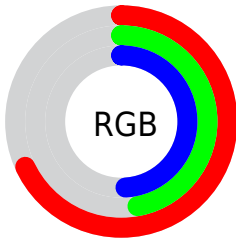
Format	Color
RYB	173, 120, 125
Decimal	11368573
CIELab	55.88, 21.46, 5.63
CIElCh	56, 22.186, 14.703
Yxy	23.7978, 0.3737, 0.3216
Android (android.graphics.Color)	4289558653 (0xFFAD787D)
YUV	136.4170, -5.6286, 32.0833
Hunter-Lab	48.7830, 15.8091, 6.7557

Details

The XYZ color **27.6517, 23.7978, 22.5381** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7581, 36.7079, 42.5644**, and the grayscale version is **23.5713, 24.7988, 27.0059**.

A 20% lighter version of the original color is **55.2926, 49.7595, 48.8098**, and **11.1655, 8.9502, 7.9766** is the 20% darker color. If you saturate the color by 10%, you get **24.8327, 19.6373, 17.0435**, and if you desaturate by 10%, it is **31.0058, 28.7755, 28.9907**.

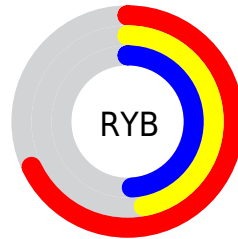
Distribution



Red (68%)

Green (47%)

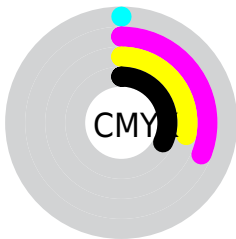
Blue (49%)



Red (68%)

Yellow (47%)

Blue (49%)

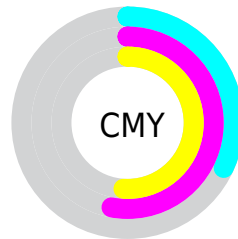


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6517, 23.7978, 22.5381 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 27.6517, 23.7978, 22.5381 by changing the saturation by 10% instead.

■ 27.6517, 23.7978,
22.5381

■ 27.6517, 23.7978,
22.5381

282.9092,
271.7966, 278.3882

■ 18.2024, 15.1837,
14.0507

■ 55.3404, 49.7000,
48.5473

■ 11.1960, 8.9484,
8.0168

■ 74.3105, 67.7570,
66.9062

■ 6.2671, 4.7075,
4.0178

■ 97.1850, 89.7303,
89.3927

■ 3.0503, 2.0767,
1.6351

124.3291,
116.0044, 116.4254

■ 1.1804, 0.6515,
0.3157

156.1082,
146.9637, 148.4227

■ 0.0908, 0.0000,
0.0000

192.8877,

■ 0.0000, 0.0000,

182.9926, 185.8033

0.0000

235.0329,
224.4754, 228.9856

■ 27.6517, 23.7978,
22.5381

■ 27.6517, 23.7978,
22.5381

■ 24.8327, 19.6373,
17.0435

■ 31.0058, 28.7755,
28.9907

■ 22.5193, 16.2472,
12.4597

■ 34.9187, 34.6072,
36.4426

■ 20.6820, 13.5811,
8.7380


■ 39.4151, 41.3318,
44.9340


■ 19.2874, 11.5862,
5.8242


■ 44.5175, 48.9843,
54.5029


■ 18.2978, 10.2026,
3.6580


■ 50.2473, 57.5984,
65.1853


 17.6691, 9.3598,
2.1708

 56.6248, 67.2057,
77.0153

 17.3295, 8.9226,
1.3114

 63.6695, 77.8366,
90.0257

 70.3042, 87.3285,
103.8829

 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



27.6368, 23.7978, 29.7590



27.6517, 23.7978, 22.5381



26.2512, 23.7978, 17.3043

Triad

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



27.6517, 23.7978, 22.5381



19.3706, 23.7978, 17.2265



21.3613, 23.7978, 41.7846

Complementary

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



27.6517, 23.7978, 22.5381



29.7581, 36.7079, 42.5644

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.



19.3385, 23.7978, 36.9842



27.6517, 23.7978, 22.5381



18.2488, 23.7978, 22.4113

Square

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



27.6517, 23.7978, 22.5381



21.4082, 23.7978, 14.6483



18.2375, 23.7978, 29.6063



23.8748, 23.7978, 41.8360

Rectangle

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



27.6517, 23.7978, 22.5381



24.7595, 23.7978, 15.2574



18.2375, 23.7978, 29.6063



20.6058, 23.7978, 40.6382

Sweetspot

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



27.6523, 23.7989, 22.5386



63.6597, 63.6555, 67.3930



30.3446, 24.7431, 42.7118



13.6012, 13.4850, 14.2035



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.



27.6523, 23.7989, 22.5386



45.8852, 37.2473, 33.2887



30.1788, 29.3500, 21.8452



8.0348, 8.0272, 8.4940



12.7412, 6.5590, 1.0166



0.3641, 0.1863, 0.0789

Inverse Universe

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



27.6523, 23.7989, 22.5386



45.8852, 37.2473, 33.2887



26.4853, 29.4027, 43.8146



8.0348, 8.0272, 8.4940



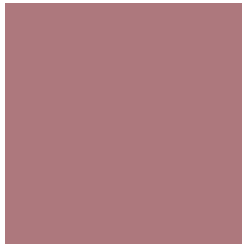
12.7412, 6.5590, 1.0166



0.3641, 0.1863, 0.0789

Previews

White Background



This preview shows how the XYZ color 27.6517, 23.7978, 22.5381 looks on a white background.

Color Contrast Check

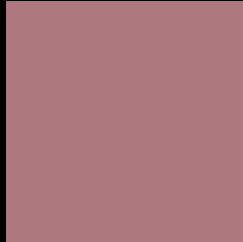
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6517, 23.7978, 22.5381 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 27.6517, 23.7978, 22.5381

Background



This preview shows how black text looks on a background with the XYZ color 27.6517, 23.7978, 22.5381.



This preview shows how white text looks on a background with the XYZ color 27.6517, 23.7978,

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

27.6517, 23.7978, 22.5381

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

24.3203, 23.9746, 22.0846



Tritanopia

27.7929, 23.6629, 23.8714

Trichromacy



Original Color

27.6517, 23.7978, 22.5381

Protanomaly

24.4572, 23.7962, 24.4232

Deuteranomaly

25.3970, 23.7479, 22.3140

Tritanomaly

27.7267, 23.6364, 23.5230

Monochromacy



Original Color

27.6517, 23.7978, 22.5381

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5419, 24.0208, 25.1728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6517, 23.7978, 22.5381 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, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 125)  
}
```

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, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 27.6517, 23.7978, 22.5381 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, 120, 125) }
```


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

```
.border{ border-color:rgb(173, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6517, 23.7978, 22.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 125) }
```

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

```
.background{ background-color: rgb(173,  
120, 125) }
```

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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