

Converting Colors

XYZ(27.2253, 24.5723, 27.7341)

Have a look what the booklet for
XYZ(27.2253, 24.5723, 27.7341)
contains.

XYZ(27.2253, 24.5723, 27.7341)	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(27.2253, 24.5723,
27.7341)**

Conversions

Conversions Part 1

Format	Color
Hex	A37E8B
RGB	163, 126, 139
RGB Percent	64%, 49%, 55%
CMY	0.3608, 0.5059, 0.4549
CMYK	0.00, 0.23, 0.15, 0.36
HSL	339°, 17%, 57%
HSV	339°, 23%, 64%
XYZ	27.2253, 24.5723, 27.7341
YIQ	138.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

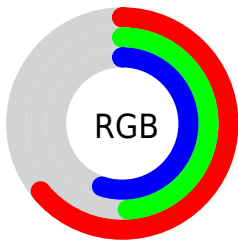
Format	Color
R_{YB}	163, 126, 139
Decimal	10714763
CIE _{Lab}	56.66, 16.42, -1.51
CIE _{LCh}	57, 16.491, 354.747
Yxy	24.5723, 0.3423, 0.3090
Android (android.graphics.Color)	4288904843 (0xFFA37E8B)
YUV	138.5450, 0.2243, 21.4470
Hunter-Lab	49.5705, 11.2882, 1.5272

Details

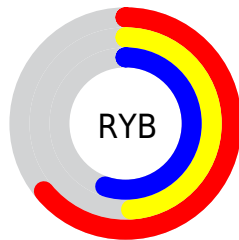
The XYZ color **27.2253, 24.5723, 27.7341** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2074, 32.8326, 33.7590**, and the grayscale version is **24.3608, 25.6294, 27.9104**.

A 20% lighter version of the original color is **54.5480, 50.9514, 56.8288**, and **11.0126, 9.4085, 10.6868** is the 20% darker color. If you saturate the color by 10%, you get **24.5729, 20.4444, 23.2208**, and if you desaturate by 10%, it is **30.2935, 29.4115, 32.7553**.

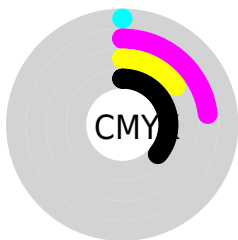
Distribution



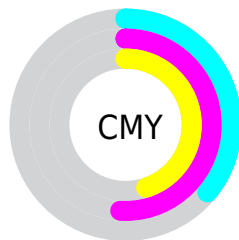
- Red (64%)
- Green (49%)
- Blue (55%)



- Red (64%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2253, 24.5723, 27.7341 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 27.2253, 24.5723, 27.7341 by changing the saturation by 10% instead.

■ 27.2253, 24.5723,
27.7341

■ 27.2253, 24.5723,
27.7341

280.8940,
275.7012, 305.0660

■ 17.8800, 15.7587,
17.8880

■ 54.6625, 50.9625,
57.0776

■ 10.9630, 9.3536,
10.7010

■ 73.4851, 69.3079,
77.4121

■ 6.1091, 4.9725,
5.7545

■ 96.1975, 91.5994,
102.0799

■ 2.9528, 2.2311,
2.6300

123.1651,
118.2213, 131.4994

■ 1.1289, 0.7369,
0.9079

154.7532,
149.5580, 166.0893

■ 0.0491, 0.0000,
0.0000

191.3271,

■ 0.0000, 0.0000,

185.9940, 206.2679

0.0000

233.2523,
227.9136, 252.4540

■ 27.2253, 24.5723,
27.7341

■ 27.2253, 24.5723,
27.7341

■ 24.5729, 20.4444,
23.2208

■ 30.2935, 29.4115,
32.7553

■ 22.3156, 16.9909,
19.1973

■ 33.7927, 34.9902,
38.2986

■ 20.4341, 14.1763,
15.6464

■ 37.7399, 41.3389,
44.3796

■ 18.9066, 11.9607,
12.5496

■ 42.1507, 48.4857,
51.0127

■ 17.7090, 10.2997,
9.8866

■ 47.0396, 56.4570,
58.2117

■ 16.8137, 9.1425,
7.6357

■ 52.4208, 65.2781,
65.9901

■ 16.1884, 8.4287,
5.7723

■ 58.3077, 74.9732,
74.3607

■ 15.8495, 8.0846,
4.6304

■ 64.2636, 84.6663,
83.1861

■ 65.7394, 85.2566,
90.9579

Harmonies

Analogous

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



26.4996, 24.5723, 33.3290



27.2253, 24.5723, 27.7341



26.8687, 24.5723, 22.5710

Triad

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



27.2253, 24.5723, 27.7341



21.8445, 24.5723, 18.2605



21.2898, 24.5723, 36.3447

Complementary

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



27.2253, 24.5723, 27.7341



27.2074, 32.8326, 33.7590

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.



20.1622, 24.5723, 31.4267



27.2253, 24.5723, 27.7341



20.4700, 24.5723, 21.1079

Square

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



27.2253, 24.5723, 27.7341



23.6946, 24.5723, 17.5520



19.8705, 24.5723, 25.7993



23.0191, 24.5723, 38.7169

Rectangle

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



27.2253, 24.5723, 27.7341



26.0748, 24.5723, 19.9845



19.8705, 24.5723, 25.7993



20.8316, 24.5723, 34.9044

Sweetspot

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



27.2260, 24.5734, 27.7346



57.6446, 58.0686, 64.0716



26.5462, 23.9976, 37.8835



12.8687, 12.9175, 14.2667



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.2260, 24.5734, 27.7346



46.3863, 40.3018, 45.6756



26.9783, 25.5087, 23.2417



7.1717, 7.1251, 7.8908



12.3377, 6.2911, 3.7031



0.2810, 0.1409, 0.1925

Inverse Universe

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



27.2260, 24.5734, 27.7346



46.3863, 40.3018, 45.6756



27.4541, 31.5571, 39.2947



7.1717, 7.1251, 7.8908



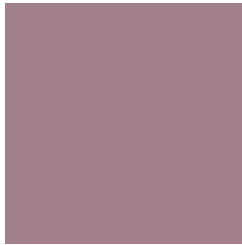
12.3377, 6.2911, 3.7031



0.2810, 0.1409, 0.1925

Previews

White Background



This preview shows how the XYZ color 27.2253, 24.5723, 27.7341 looks on a white background.

Color Contrast Check

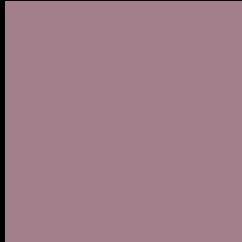
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2253, 24.5723, 27.7341 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 27.2253, 24.5723, 27.7341

Background



This preview shows how black text looks on a background with the XYZ color 27.2253, 24.5723, 27.7341.



This preview shows how white text looks on a background with the XYZ color 27.2253, 24.5723,

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

27.2253, 24.5723, 27.7341

Protanopia

23.9282, 24.6065, 30.2764

Deuteranopia

25.0515, 24.6334, 27.4791



Tritanopia

27.0090, 24.4858, 26.5953

Trichromacy



Original Color

27.2253, 24.5723, 27.7341

Protanomaly

25.0632, 24.5967, 29.4133

Deuteranomaly

25.7069, 24.5725, 27.4328

Tritanomaly

27.0805, 24.5144, 26.9714

Monochromacy



Original Color

27.2253, 24.5723, 27.7341

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3980, 25.2102, 27.9535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2253, 24.5723, 27.7341 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(163, 126, 139) looks like.

```
.text, #text, p{  
    color:rgb(163, 126, 139)  
}
```

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(163, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 126, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.2253, 24.5723, 27.7341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

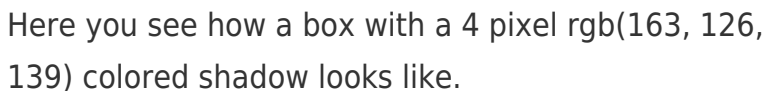
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 126, 139) }
```


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

```
.border{ border-color:rgb(163, 126, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 126, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 126, 139); box-shadow:4px 4px 4px 4px rgb(163, 126, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2253, 24.5723, 27.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 126, 139) }
```

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

```
.background{ background-color: rgb(163,  
126, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor