

Converting Colors

XYZ(27.3165, 22.8928, 34.9873)

Have a look what the booklet for
XYZ(27.3165, 22.8928, 34.9873)
contains.

XYZ(27.3474, 22.8383, 34.8652)	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(27.3474, 22.8383,
34.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	A2759D
RGB	162, 117, 157
RGB Percent	64%, 46%, 62%
CMY	0.3647, 0.5412, 0.3843
CMYK	0.00, 0.28, 0.03, 0.36
HSL	307°, 19%, 55%
HSV	307°, 28%, 64%
XYZ	27.3474, 22.8383, 34.8652
YIQ	135.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

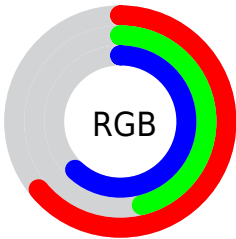
Format	Color
R _Y B	162, 117, 157
Decimal	10646941
CIE Lab	54.91, 24.46, -14.58
CIE LCh	55, 28.475, 329.208
Yxy	22.8383, 0.3215, 0.2685
Android (android.graphics.Color)	4288837021 (0xFFA2759D)
YUV	135.0150, 10.8386, 23.6658
Hunter-Lab	47.7894, 18.5147, -9.8029

Details

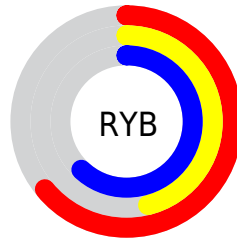
The XYZ color **27.3474, 22.8383, 34.8652** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7702, 31.0284, 23.1499**, and the grayscale version is **22.9927, 24.1901, 26.3431**.

A 20% lighter version of the original color is **54.8737, 48.2546, 68.7093**, and **11.0990, 8.4898, 14.6894** is the 20% darker color. If you saturate the color by 10%, you get **25.4684, 19.3241, 33.4864**, and if you desaturate by 10%, it is **29.5567, 27.0087, 36.3658**.

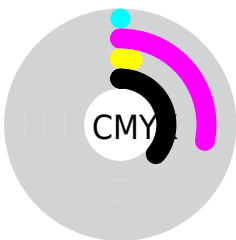
Distribution



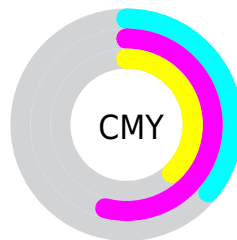
- Red (64%)
- Green (46%)
- Blue (62%)



- Red (64%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (36%)




- Cyan (36%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3474, 22.8383, 34.8652 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 27.3474, 22.8383, 34.8652 by changing the saturation by 10% instead.

 27.3474, 22.8383,
34.8652


 27.3474, 22.8383,
34.8652


281.4722,
266.8934, 338.8591


 17.9722, 14.4742,
23.2763


 54.8568, 48.1277,
68.4261

 11.0296, 8.4512,
14.5905

 73.7217, 65.8217,
91.2352

 6.1542, 4.3850,
8.3891


 96.4806, 87.3945,
118.6215

 2.9806, 1.8912,
4.2536

123.4989,
113.2304, 151.0034

 1.1435, 0.5431,
1.7655

155.1418,
143.7138, 188.7996

 0.0611, 0.0000,
0.4050

191.7748,

 0.0000, 0.0000,

179.2292, 232.4286

0.0000

233.7631,
220.1609, 282.3089

■ 27.3474, 22.8383,
34.8652

■ 27.3474, 22.8383,
34.8652

■ 25.4684, 19.3241,
33.4864

■ 29.5567, 27.0087,
36.3658

■ 23.9008, 16.4294,
32.2222

■ 32.1099, 31.8636,
37.9920

■ 22.6269, 14.1186,
31.0670

■ 35.0222, 37.4331,
39.7492

■ 21.6265, 12.3512,
30.0140

■ 38.3074, 43.7449,
41.6421

■ 20.8768, 11.0816,
29.0556

■ 41.9787, 50.8249,
43.6749

■ 20.3511, 10.2564,
28.1827

■ 46.0483, 58.6979,
45.8519

■ 20.0042, 9.7856,
27.3804

■ 50.5281, 67.3878,
48.1772

■ 19.9345, 9.6951,
27.2059

■ 55.4296, 76.9171,
50.6545

■ 58.2229, 82.2265,
52.4406

Harmonies

Analogous

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



24.8045, 22.8383, 43.3266



27.3474, 22.8383, 34.8652



28.3566, 22.8383, 25.1080

Triad

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



27.3474, 22.8383, 34.8652



21.7911, 22.8383, 11.2248



16.8302, 22.8383, 34.3466

Complementary

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



27.3474, 22.8383, 34.8652



23.7702, 31.0284, 23.1499

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.



16.1880, 22.8383, 24.6276



27.3474, 22.8383, 34.8652



18.8790, 22.8383, 12.5746

Square

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



27.3474, 22.8383, 34.8652



24.9636, 22.8383, 12.7277



16.9011, 22.8383, 16.9902



18.7469, 22.8383, 42.9797

Rectangle

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



27.3474, 22.8383, 34.8652



27.9555, 22.8383, 19.5771



16.9011, 22.8383, 16.9902



16.4669, 22.8383, 31.0331

Sweetspot

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



27.3481, 22.8393, 34.8657



58.1066, 57.4907, 68.8559



20.8393, 19.4336, 36.8356



12.8908, 12.6078, 15.3652



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.



27.3481, 22.8393, 34.8657



47.5804, 37.5876, 61.8042



25.6356, 22.1543, 25.8477



7.3303, 7.1886, 8.7256



15.7145, 7.6419, 21.4849



0.3392, 0.1642, 0.4988

Inverse Universe

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



27.3481, 22.8393, 34.8657



47.5804, 37.5876, 61.8042



25.2913, 31.6369, 31.1599



7.3303, 7.1886, 8.7256



15.7145, 7.6419, 21.4849



0.3392, 0.1642, 0.4988

Previews

White Background



This preview shows how the XYZ color 27.3474, 22.8383, 34.8652 looks on a white background.

Color Contrast Check

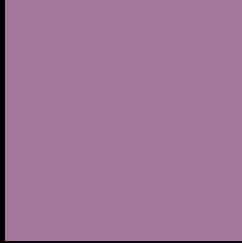
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3474, 22.8383, 34.8652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

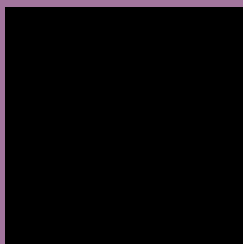
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3474, 22.8383, 34.8652

Background



This preview shows how black text looks on a background with the XYZ color 27.3474, 22.8383, 34.8652.



This preview shows how white text looks on a background with the XYZ color 27.3474, 22.8383,

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

27.3474, 22.8383, 34.8652

Protanopia

23.0339, 22.9294, 39.2882

Deuteranopia

23.4395, 23.0536, 34.2247



Tritanopia

25.3543, 22.9287, 24.5621

Trichromacy



Original Color

27.3474, 22.8383, 34.8652

Protanomaly

24.2610, 22.6299, 37.7397

Deuteranomaly

24.8360, 22.9968, 34.5823

Tritanomaly

25.9473, 22.8000, 27.8442

Monochromacy



Original Color

27.3474, 22.8383, 34.8652

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.3542, 23.4413, 29.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3474, 22.8383, 34.8652 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(162, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(162, 117, 157)  
}
```

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(162, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 117, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.3474, 22.8383, 34.8652 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(162, 117, 157) }
```


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

```
.border{ border-color:rgb(162, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(162, 117,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3474, 22.8383, 34.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 117, 157) }
```

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

```
.background{ background-color: rgb(162,  
117, 157) }
```

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