

Converting Colors

XYZ(27.4501, 22.3784, 37.9785)

Have a look what the booklet for
XYZ(27.4501, 22.3784, 37.9785)
contains.

XYZ(27.4161, 22.2920, 37.9798)	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(27.4161, 22.2920,
37.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	A172A4
RGB	161, 114, 164
RGB Percent	63%, 45%, 64%
CMY	0.3686, 0.5529, 0.3569
CMYK	0.02, 0.30, 0.00, 0.36
HSL	296°, 22%, 55%
HSV	296°, 30%, 64%
XYZ	27.4161, 22.2920, 37.9798
YIQ	133.7530, 11.9620, 25.5140

Conversions

Conversions Part 2

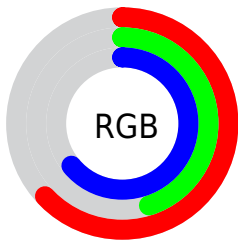
Format	Color
R_{YB}	161, 114, 164
Decimal	10580644
CIE _{Lab}	54.34, 27.19, -19.52
CIE _{LCh}	54, 33.473, 324.331
Yxy	22.2920, 0.3127, 0.2542
Android (android.graphics.Color)	4288770724 (0xFFA172A4)
YUV	133.7530, 14.9118, 23.8956
Hunter-Lab	47.2144, 21.0248, -14.6435

Details

The XYZ color **27.4161, 22.2920, 37.9798** is a light color, and the websafe version is hex **996699**. A complement of this color would be **23.6496, 31.5483, 20.7636**, and the grayscale version is **22.5139, 23.6864, 25.7945**.

A 20% lighter version of the original color is **54.7413, 46.9858, 73.2018**, and **11.1216, 8.2017, 16.3261** is the 20% darker color. If you saturate the color by 10%, you get **25.5322, 18.8171, 37.4087**, and if you desaturate by 10%, it is **29.6346, 26.4330, 38.6625**.

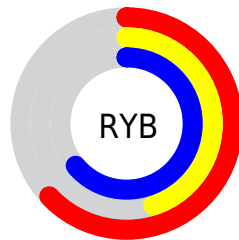
Distribution



Red (63%)

Green (45%)

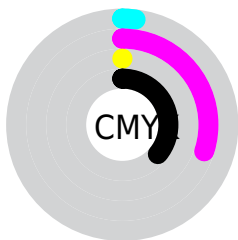
Blue (64%)



Red (63%)

Yellow (45%)

Blue (64%)

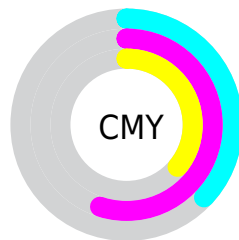


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4161, 22.2920, 37.9798 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 27.4161, 22.2920, 37.9798 by changing the saturation by 10% instead.

■ 27.4161, 22.2920,
37.9798

■ 27.4161, 22.2920,
37.9798

281.7971,
264.0674, 352.8289

■ 18.0242, 14.0716,
25.6653

■ 54.9660, 47.2281,
73.2803

■ 11.0671, 8.1705,
16.3499

■ 73.8548, 64.7127,
97.1033

■ 6.1796, 4.2042,
9.6151

■ 96.6398, 86.0541,
125.5996

■ 2.9963, 1.7885,
5.0422

■ 123.6865,
111.6367, 159.1877

■ 1.1518, 0.4800,
2.2129

155.3603,
141.8449, 198.2861

■ 0.0678, 0.0000,
0.6818

192.0264,

■ 0.0000, 0.0000,

177.0632, 243.3135

0.0000

234.0502,
217.6759, 294.6882

■ 27.4161, 22.2920,
37.9798

■ 27.4161, 22.2920,
37.9798

■ 25.5322, 18.8171,
37.4087

■ 29.6346, 26.4330,
38.6625

■ 23.9632, 15.9698,
36.9418

■ 32.2020, 31.2700,
39.4608

■ 22.6902, 13.7125,
36.5732

■ 35.1344, 36.8347,
40.3803

■ 21.6919, 12.0021,
36.2957

■ 38.4462, 43.1557,
41.4259

■ 20.9436, 10.7896,
36.1011

■ 42.1510, 50.2604,
42.6020

■ 20.4167, 10.0175,
35.9798

■ 46.2617, 58.1747,
43.9129

■ 20.0581, 9.5663,
35.9116

■ 50.7908, 66.9232,
45.3628

■ 55.7499, 76.5297,
46.9557

■ 59.0074, 82.7304,
47.9809

Harmonies

Analogous

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



24.2129, 22.2920, 47.5788



27.4161, 22.2920, 37.9798



28.9671, 22.2920, 26.3123

Triad

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



27.4161, 22.2920, 37.9798



21.8887, 22.2920, 9.2619



15.4149, 22.2920, 33.5307

Complementary

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



27.4161, 22.2920, 37.9798



23.6496, 31.5483, 20.7636

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.



14.9433, 22.2920, 22.3404



27.4161, 22.2920, 37.9798



18.4259, 22.2920, 10.1781

Square

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



27.4161, 22.2920, 37.9798



25.5493, 22.2920, 11.3314



15.9825, 22.2920, 14.3373



17.3534, 22.2920, 44.5362

Rectangle

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



27.4161, 22.2920, 37.9798



28.7410, 22.2920, 19.6293



15.9825, 22.2920, 14.3373



15.0896, 22.2920, 29.5949

Sweetspot

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



27.4168, 22.2930, 37.9803



59.1140, 58.0132, 71.8343



20.0414, 19.0592, 37.7448



12.7708, 12.3940, 15.6567



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.



27.4168, 22.2930, 37.9803



47.2403, 35.7985, 68.1723



26.2354, 21.8911, 28.5660



7.3222, 7.1805, 8.9031



15.3938, 7.3423, 27.5356



0.3352, 0.1603, 0.5791

Inverse Universe

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



24.5388, 21.2124, 19.6316



41.1580, 33.5238, 28.9969



24.6359, 31.8970, 28.0277



7.0902, 7.0925, 7.4614



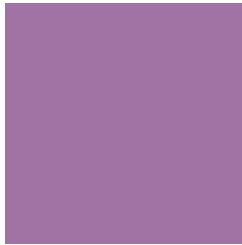
11.7866, 6.0707, 0.8009



0.2525, 0.1295, 0.0424

Previews

White Background



This preview shows how the XYZ color 27.4161, 22.2920, 37.9798 looks on a white background.

Color Contrast Check

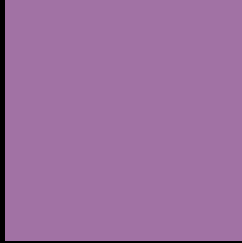
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4161, 22.2920, 37.9798 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 27.4161, 22.2920, 37.9798

Background



This preview shows how black text looks on a background with the XYZ color 27.4161, 22.2920, 37.9798.



This preview shows how white text looks on a background with the XYZ color 27.4161, 22.2920,

37.9798.

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

27.4161, 22.2920, 37.9798

Protanopia

22.9242, 22.5776, 43.7071

Deuteranopia

22.9046, 22.5236, 36.8585



Tritanopia

24.5769, 22.3544, 24.1386

Trichromacy



Original Color

27.4161, 22.2920, 37.9798

Protanomaly

24.2312, 22.3421, 41.5634

Deuteranomaly

24.2520, 22.2635, 37.2015

Tritanomaly

25.4615, 22.1790, 28.5302

Monochromacy



Original Color

27.4161, 22.2920, 37.9798

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.2018, 23.1524, 29.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4161, 22.2920, 37.9798 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(161, 114, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 114, 164)  
}
```

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(161, 114, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 114, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.4161, 22.2920, 37.9798 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(161, 114, 164) }
```


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

```
.border{ border-color:rgb(161, 114, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 114, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 114, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 114, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 114,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4161, 22.2920, 37.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 114, 164) }
```

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

```
.background{ background-color: rgb(161,  
114, 164) }
```

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