

Converting Colors

XYZ(27.2850, 22.8540, 35.6423)

Have a look what the booklet for
XYZ(27.2850, 22.8540, 35.6423)
contains.

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Color

**XYZ(27.3172, 22.8028,
35.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	A1759F
RGB	161, 117, 159
RGB Percent	63%, 46%, 62%
CMY	0.3686, 0.5412, 0.3765
CMYK	0.00, 0.27, 0.01, 0.37
HSL	303°, 19%, 55%
HSV	303°, 27%, 63%
XYZ	27.3172, 22.8028, 35.7625
YIQ	134.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

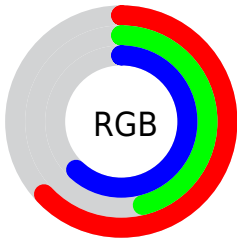
Format	Color
R_{YB}	161, 117, 159
Decimal	10581407
CIE _{Lab}	54.87, 24.50, -15.80
CIE _{LCh}	55, 29.153, 327.173
Yxy	22.8028, 0.3181, 0.2655
Android (android.graphics.Color)	4288771487 (0xFFA1759F)
YUV	134.9440, 11.8596, 22.8511
Hunter-Lab	47.7523, 18.5463, -10.9767

Details

The XYZ color **27.3172, 22.8028, 35.7625** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.4116, 30.6042, 22.1272**, and the grayscale version is **22.9630, 24.1589, 26.3090**.

A 20% lighter version of the original color is **54.8312, 48.2034, 70.0326**, and **11.0276, 8.4470, 14.9591** is the 20% darker color. If you saturate the color by 10%, you get **25.5372, 19.3437, 34.8569**, and if you desaturate by 10%, it is **29.4217, 26.9093, 36.7786**.

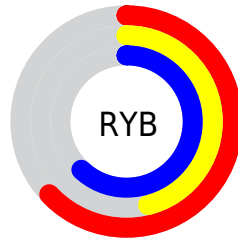
Distribution



Red (63%)

Green (46%)

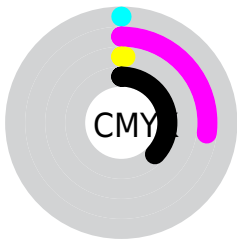
Blue (62%)



Red (63%)

Yellow (46%)

Blue (62%)

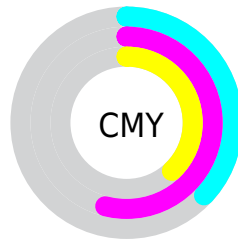


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (37%)



Cyan (37%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3172, 22.8028, 35.7625 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 27.3172, 22.8028, 35.7625 by changing the saturation by 10% instead.


 27.3172, 22.8028,
35.7625


 27.3172, 22.8028,
35.7625


281.3293,
266.7105, 342.9272

 17.9494, 14.4480,
23.9626


 54.8088, 48.0693,
69.8302

 11.0131, 8.4329,
15.0939


 73.6632, 65.7498,
92.9352

 6.1430, 4.3732,
8.7380


 96.4107, 87.3076,
120.6455

 2.9737, 1.8844,
4.4762

123.4164,
113.1272, 153.3798

 1.1399, 0.5390,
1.8901

155.0457,
143.5928, 191.5565

 0.0581, 0.0000,
0.4864

191.6641,

 0.0000, 0.0000,

179.0890, 235.5944

0.0000

233.6368,
220.0001, 285.9117

■ 27.3172, 22.8028,
35.7625

■ 27.3172, 22.8028,
35.7625

■ 25.5372, 19.3437,
34.8569

■ 29.4217, 26.9093,
36.7786

■ 24.0629, 16.4959,
34.0549

■ 31.8637, 31.6909,
37.9088

■ 22.8772, 14.2247,
33.3509

■ 34.6585, 37.1773,
39.1584

■ 21.9602, 12.4901,
32.7383

■ 37.8195, 43.3955,
40.5320

■ 21.2894, 11.2476,
32.2097

■ 41.3595, 50.3711,
42.0338

■ 20.8391, 10.4453,
31.7563

■ 45.2907, 58.1286,
43.6678

■ 20.5673, 9.9996,
31.3643

■ 49.6248, 66.6911,
45.4380

■ 20.5044, 9.8997,
31.2631

■ 54.3729, 76.0811,
47.3481

■ 57.3033, 81.8352,
48.6542

Harmonies

Analogous

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



24.6325, 22.8028, 44.2322



27.3172, 22.8028, 35.7625



28.4808, 22.8028, 25.7153

Triad

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



27.3172, 22.8028, 35.7625



21.9809, 22.8028, 10.9721



16.6083, 22.8028, 33.8607

Complementary

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



27.3172, 22.8028, 35.7625



23.4116, 30.6042, 22.1272

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.



16.0475, 22.8028, 23.9620



27.3172, 22.8028, 35.7625



18.9612, 22.8028, 12.1365

Square

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



27.3172, 22.8028, 35.7625



25.2144, 22.8028, 12.6886



16.8659, 22.8028, 16.3865



18.4804, 22.8028, 42.9564

Rectangle

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



27.3172, 22.8028, 35.7625



28.1592, 22.8028, 19.9422



16.8659, 22.8028, 16.3865



16.2688, 22.8028, 30.4539

Sweetspot

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



27.3179, 22.8038, 35.7630



56.6812, 56.0035, 67.7161



20.3300, 19.1812, 36.3495



12.2866, 11.9994, 14.7851



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.3179, 22.8038, 35.7630



46.8511, 36.8089, 63.0045



25.6137, 22.1221, 26.7889



7.3504, 7.1966, 8.8314



16.3802, 7.9081, 24.9905



0.3481, 0.1677, 0.5459

Inverse Universe

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



27.3179, 22.8038, 35.7630



46.8511, 36.8089, 63.0045



24.8499, 31.1795, 29.7011



7.3504, 7.1966, 8.8314



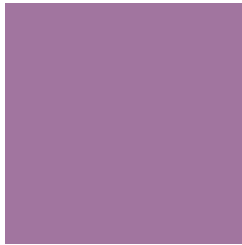
16.3802, 7.9081, 24.9905



0.3481, 0.1677, 0.5459

Previews

White Background



This preview shows how the XYZ color 27.3172, 22.8028, 35.7625 looks on a white background.

Color Contrast Check

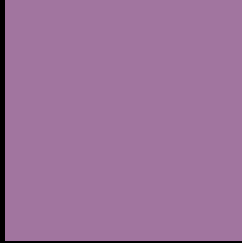
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3172, 22.8028, 35.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

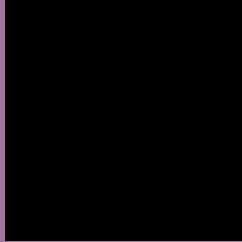
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3172, 22.8028, 35.7625

Background



This preview shows how black text looks on a background with the XYZ color 27.3172, 22.8028, 35.7625.



This preview shows how white text looks on a background with the XYZ color 27.3172, 22.8028,

35.7625.

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

27.3172, 22.8028, 35.7625

Protanopia

23.0766, 22.9300, 40.2555

Deuteranopia

23.4518, 23.0404, 35.1095



Tritanopia

25.0290, 22.7531, 24.9024

Trichromacy



Original Color

27.3172, 22.8028, 35.7625

Protanomaly

24.2785, 22.6181, 38.6834

Deuteranomaly

24.8329, 22.9755, 35.4736

Tritanomaly

25.6995, 22.6550, 28.6095

Monochromacy



Original Color

27.3172, 22.8028, 35.7625

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2548, 23.3813, 29.6202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3172, 22.8028, 35.7625 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, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(161, 117, 159)  
}
```

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, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 117, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.3172, 22.8028, 35.7625 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, 117, 159) }
```


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

```
.border{ border-color:rgb(161, 117, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 117, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 117, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 117, 159); box-shadow:4px 4px 4px 4px rgb(161, 117, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3172, 22.8028, 35.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 117, 159) }
```

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

```
.background{ background-color: rgb(161,  
117, 159) }
```

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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