

Converting Colors

XYZ(27.5828, 22.7990, 35.8504)

Have a look what the booklet for
XYZ(27.5828, 22.7990, 35.8504)
contains.

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Color

**XYZ(27.6077, 22.7805,
35.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	A3749F
RGB	163, 116, 159
RGB Percent	64%, 45%, 62%
CMY	0.3608, 0.5451, 0.3765
CMYK	0.00, 0.29, 0.02, 0.36
HSL	305°, 20%, 55%
HSV	305°, 29%, 64%
XYZ	27.6077, 22.7805, 35.7429
YIQ	134.9550, 14.2090, 23.3370

Conversions

Conversions Part 2

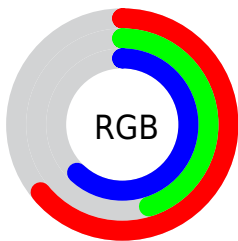
Format	Color
R_{YB}	163, 116, 159
Decimal	10712223
CIE _{Lab}	54.85, 25.76, -15.82
CIE _{LCh}	55, 30.232, 328.449
Yxy	22.7805, 0.3205, 0.2645
Android (android.graphics.Color)	4288902303 (0xFFA3749F)
YUV	134.9550, 11.8542, 24.5955
Hunter-Lab	47.7289, 19.7236, -10.9904

Details

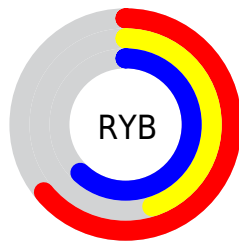
The XYZ color **27.6077, 22.7805, 35.7429** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6908, 31.2643, 22.5566**, and the grayscale version is **22.9668, 24.1628, 26.3133**.

A 20% lighter version of the original color is **55.2390, 48.1364, 69.9982**, and **11.0914, 8.3908, 14.9449** is the 20% darker color. If you saturate the color by 10%, you get **25.7716, 19.2995, 34.5404**, and if you desaturate by 10%, it is **29.7762, 26.9234, 37.0634**.

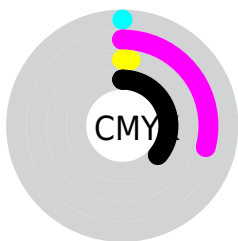
Distribution



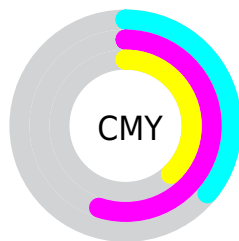
- Red (64%)
- Green (45%)
- Blue (62%)



- Red (64%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6077, 22.7805, 35.7429 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 27.6077, 22.7805, 35.7429 by changing the saturation by 10% instead.

■ 27.6077, 22.7805,
35.7429

■ 27.6077, 22.7805,
35.7429

282.7018,
266.5956, 342.8388

■ 18.1691, 14.4315,
23.9476

■ 55.2705, 48.0327,
69.7996

■ 11.1719, 8.4214,
15.0829

■ 74.2255, 65.7046,
92.8981

■ 6.2507, 4.3658,
8.7303

■ 97.0832, 87.2530,
120.6014

■ 3.0402, 1.8802,
4.4713

124.2092,
113.0623, 153.3280

■ 1.1751, 0.5364,
1.8873

155.9686,
143.5168, 191.4965

■ 0.0865, 0.0000,
0.4846

192.7270,

■ 0.0000, 0.0000,

179.0009, 235.5255

0.0000

234.8496,
219.8990, 285.8334

■ 27.6077, 22.7805,
35.7429

■ 27.6077, 22.7805,
35.7429

■ 25.7716, 19.2995,
34.5404

■ 29.7762, 26.9234,
37.0634

■ 24.2486, 16.4430,
33.4486

■ 32.2911, 31.7571,
38.5058

■ 23.0206, 14.1744,
32.4618

■ 35.1679, 37.3125,
40.0756

■ 22.0668, 12.4520,
31.5730

■ 38.4206, 43.6178,
41.7774

■ 21.3637, 11.2288,
30.7743

■ 42.0627, 50.6995,
43.6158

■ 20.8837, 10.4497,
30.0566

■ 46.1068, 58.5829,
45.5949

■ 20.5730, 10.0071,
29.4018

■ 50.5650, 67.2923,
47.7188

■ 20.5394, 9.9606,
29.3267

■ 55.4488, 76.8507,
49.9915

■ 58.2619, 82.2656,
51.5807

Harmonies

Analogous

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



24.8624, 22.7805, 44.7768



27.6077, 22.7805, 35.7429



28.7378, 22.7805, 25.3058

Triad

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



27.6077, 22.7805, 35.7429



21.8267, 22.7805, 10.5729



16.4759, 22.7805, 34.6529

Complementary

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



27.6077, 22.7805, 35.7429



23.6908, 31.2643, 22.5566

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.



15.8390, 22.7805, 24.3090



27.6077, 22.7805, 35.7429



18.7309, 22.7805, 11.8792

Square

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



27.6077, 22.7805, 35.7429



25.1944, 22.7805, 12.1869



16.6214, 22.7805, 16.3614



18.4586, 22.7805, 44.0419

Rectangle

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



27.6077, 22.7805, 35.7429



28.3433, 22.7805, 19.4203



16.6214, 22.7805, 16.3614



16.1069, 22.7805, 31.1010

Sweetspot

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



27.6084, 22.7815, 35.7434



57.6690, 56.5636, 68.8698



20.5914, 19.1234, 37.2568



12.8030, 12.4166, 15.3840



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.



27.6084, 22.7815, 35.7434



47.1389, 36.4240, 62.5218



25.7649, 22.0441, 26.0356



7.3382, 7.1917, 8.7674



15.9709, 7.7444, 22.8352



0.3427, 0.1656, 0.5172

Inverse Universe

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



27.6084, 22.7815, 35.7434



47.1389, 36.4240, 62.5218



25.2901, 31.9040, 30.9785



7.3382, 7.1917, 8.7674



15.9709, 7.7444, 22.8352



0.3427, 0.1656, 0.5172

Previews

White Background



This preview shows how the XYZ color 27.6077, 22.7805, 35.7429 looks on a white background.

Color Contrast Check

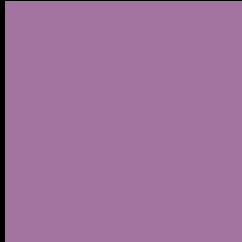
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6077, 22.7805, 35.7429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

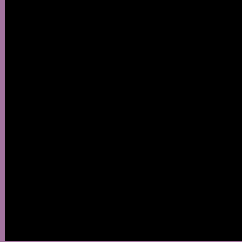
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6077, 22.7805, 35.7429

Background



This preview shows how black text looks on a background with the XYZ color 27.6077, 22.7805, 35.7429.



This preview shows how white text looks on a background with the XYZ color 27.6077, 22.7805,

35.7429.

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

27.6077, 22.7805, 35.7429

Protanopia

23.1701, 22.9674, 40.7481

Deuteranopia

23.4518, 23.0404, 35.1095



Tritanopia

25.2322, 22.6844, 24.5214

Trichromacy



Original Color

27.6077, 22.7805, 35.7429

Protanomaly

24.4417, 22.7022, 38.6911

Deuteranomaly

24.7069, 22.7236, 35.4316

Tritanomaly

25.9017, 22.5903, 28.1945

Monochromacy



Original Color

27.6077, 22.7805, 35.7429

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.4303, 23.4717, 29.6284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6077, 22.7805, 35.7429 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, 116, 159)` looks like.

```
.text, #text, p{  
    color:rgb(163, 116, 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(163, 116, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 116, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.6077, 22.7805, 35.7429 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, 116, 159) }
```


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

```
.border{ border-color:rgb(163, 116, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 116, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 116, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 116, 159);  
box-shadow:4px 4px 4px 4px rgb(163, 116,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6077, 22.7805, 35.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 116, 159) }
```

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

```
.background{ background-color: rgb(163,  
116, 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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