

Converting Colors

XYZ(27.3399, 22.5974, 31.0857)

Have a look what the booklet for
XYZ(27.3399, 22.5974, 31.0857)
contains.

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Color

**XYZ(27.2019, 22.5066,
30.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	A67394
RGB	166, 115, 148
RGB Percent	65%, 45%, 58%
CMY	0.3490, 0.5490, 0.4196
CMYK	0.00, 0.31, 0.11, 0.35
HSL	321°, 22%, 55%
HSV	321°, 31%, 65%
XYZ	27.2019, 22.5066, 30.9275
YIQ	134.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

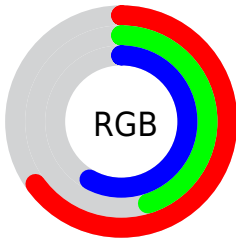
Format	Color
R_{YB}	166, 115, 148
Decimal	10908564
CIE _{Lab}	54.56, 25.36, -9.81
CIE _{LCh}	55, 27.194, 338.846
Yxy	22.5066, 0.3373, 0.2791
Android (android.graphics.Color)	4289098644 (0xFFA67394)
YUV	134.0110, 6.8966, 28.0544
Hunter-Lab	47.4411, 19.3268, -5.4432

Details

The XYZ color **27.2019, 22.5066, 30.9275** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9410, 32.6113, 27.1718**, and the grayscale version is **22.6350, 23.8138, 25.9332**.

A 20% lighter version of the original color is **54.7875, 47.7991, 62.2157**, and **10.9159, 8.2702, 12.3302** is the 20% darker color. If you saturate the color by 10%, you get **25.0247, 18.8755, 27.9713**, and if you desaturate by 10%, it is **29.7448, 26.8309, 34.1219**.

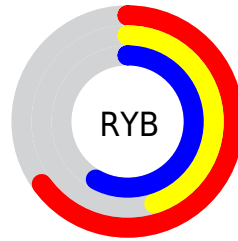
Distribution



Red (65%)

Green (45%)

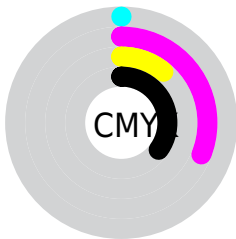
Blue (58%)



Red (65%)

Yellow (45%)

Blue (58%)

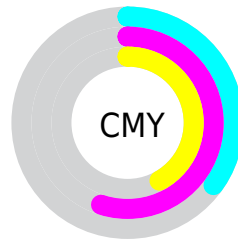


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2019, 22.5066, 30.9275 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 27.2019, 22.5066, 30.9275 by changing the saturation by 10% instead.

27.2019, 22.5066,
30.9275

27.2019, 22.5066,
30.9275

280.7831,
265.1806, 320.5450

17.8623, 14.2296,
20.2856

54.6253, 47.5819,
62.2041

10.9502, 8.2805,
12.4167

73.4398, 65.1490,
83.6760

6.1004, 4.2750,
6.9022

96.1433, 86.5815,
109.5950

2.9475, 1.8285,
3.3235

123.1011,
112.2640, 140.3796

1.1261, 0.5049,
1.2621

154.6786,
142.5807, 176.4483

0.0467, 0.0000,
0.0304

191.2413,

0.0000, 0.0000,

177.9161, 218.2198

0.0000

233.1543,
218.6546, 266.1125

■ 27.2019, 22.5066,
30.9275

■ 27.2019, 22.5066,
30.9275

■ 25.0247, 18.8755,
27.9713

■ 29.7448, 26.8309,
34.1219

■ 23.1926, 15.8977,
25.2441

■ 32.6686, 31.8793,
37.5605

■ 21.6858, 13.5342,
22.7377

■ 35.9902, 37.6845,
41.2509


■ 20.4817, 11.7402,
20.4429


■ 39.7247, 44.2765,
45.1996


■ 19.5547, 10.4651,
18.3493


■ 43.8865, 51.6834,
49.4130


 18.8745, 9.6490,
16.4449

 48.4893, 59.9322,
53.8973

 18.4014, 9.1772,
14.8244

 53.5462, 69.0483,
58.6582

 59.0695, 79.0562,
63.7014

 61.9973, 83.8316,
68.0076

Harmonies

Analogous

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



25.1966, 22.5066, 39.6623



27.2019, 22.5066, 30.9275



27.5773, 22.5066, 22.0646

Triad

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



27.2019, 22.5066, 30.9275



20.5215, 22.5066, 11.5904



17.2268, 22.5066, 36.3261

Complementary

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



27.2019, 22.5066, 30.9275



24.9410, 32.6113, 27.1718

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.



16.2082, 22.5066, 27.1209



27.2019, 22.5066, 30.9275



17.9908, 22.5066, 13.8059

Square

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



27.2019, 22.5066, 30.9275



23.5301, 22.5066, 12.1528



16.4743, 22.5066, 19.0410



19.3872, 22.5066, 43.2489

Rectangle

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



27.2019, 22.5066, 30.9275



26.8218, 22.5066, 17.4017



16.4743, 22.5066, 19.0410



16.7491, 22.5066, 33.3201

Sweetspot

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



27.2026, 22.5076, 30.9280



60.1784, 59.4026, 69.1785



22.6639, 19.9902, 38.7406



13.2863, 12.9792, 15.2757



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.2026, 22.5076, 30.9280



46.5482, 36.1278, 52.3479



25.4107, 21.7909, 21.4922



7.7278, 7.6210, 8.8837



14.2920, 7.1255, 11.6154



0.3706, 0.1825, 0.4032

Inverse Universe

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



27.2026, 22.5076, 30.9280



46.5482, 36.1278, 52.3479



26.9089, 33.3985, 37.5347



7.7278, 7.6210, 8.8837



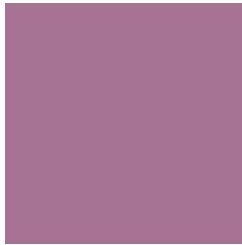
14.2920, 7.1255, 11.6154



0.3706, 0.1825, 0.4032

Previews

White Background



This preview shows how the XYZ color 27.2019, 22.5066, 30.9275 looks on a white background.

Color Contrast Check

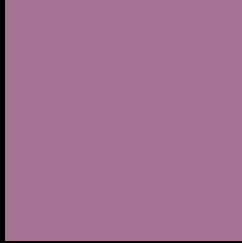
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2019, 22.5066, 30.9275 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 27.2019, 22.5066, 30.9275

Background



This preview shows how black text looks on a background with the XYZ color 27.2019, 22.5066, 30.9275.



This preview shows how white text looks on a background with the XYZ color 27.2019, 22.5066,

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

27.2019, 22.5066, 30.9275

Protanopia

22.6116, 22.7939, 35.5556

Deuteranopia

23.0942, 22.5724, 30.3338



Tritanopia

25.8029, 22.6447, 23.4330

Trichromacy



Original Color

27.2019, 22.5066, 30.9275

Protanomaly

23.9816, 22.5758, 33.6654

Deuteranomaly

24.5622, 22.5684, 30.6653

Tritanomaly

26.3687, 22.7055, 25.9145

Monochromacy



Original Color

27.2019, 22.5066, 30.9275

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1036, 23.1538, 27.6248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2019, 22.5066, 30.9275 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(166, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 115, 148)  
}
```

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(166, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 115, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.2019, 22.5066, 30.9275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

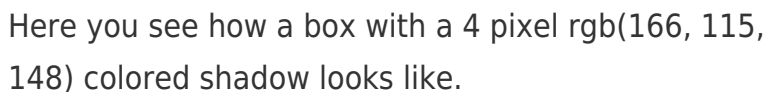
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 115, 148) }
```


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

```
.border{ border-color:rgb(166, 115, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 115, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 115, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 115, 148); box-shadow:4px 4px 4px 4px rgb(166, 115, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2019, 22.5066, 30.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 115, 148) }
```

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

```
.background{ background-color: rgb(166,  
115, 148) }
```

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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