

Converting Colors

XYZ(30.3624, 22.8564, 39.3102)

Have a look what the booklet for
XYZ(30.3624, 22.8564, 39.3102)
contains.

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Color

**XYZ(30.2421, 22.7453,
39.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	B06CA7
RGB	176, 108, 167
RGB Percent	69%, 42%, 65%
CMY	0.3098, 0.5765, 0.3451
CMYK	0.00, 0.39, 0.05, 0.31
HSL	308°, 30%, 56%
HSV	308°, 39%, 69%
XYZ	30.2421, 22.7453, 39.3556
YIQ	135.0580, 21.5890, 32.7650

Conversions

Conversions Part 2

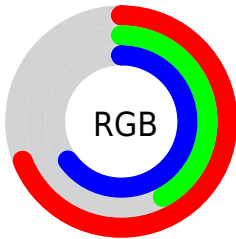
Format	Color
RYB	176, 108, 167
Decimal	11562151
CIELab	54.81, 36.13, -20.38
CIELCh	55, 41.486, 330.575
Yxy	22.7453, 0.3275, 0.2463
Android (android.graphics.Color)	4289752231 (0xFFB06CA7)
YUV	135.0580, 15.7474, 35.9061
Hunter-Lab	47.6920, 29.7280, -15.5419

Details

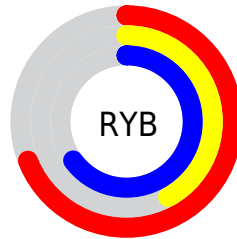
The XYZ color **30.2421, 22.7453, 39.3556** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.9215, 35.5239, 22.3743**, and the grayscale version is **22.9892, 24.1864, 26.3390**.

A 20% lighter version of the original color is **59.5340, 48.0873, 75.2512**, and **12.6336, 8.4015, 17.1754** is the 20% darker color. If you saturate the color by 10%, you get **28.3567, 19.3156, 37.6743**, and if you desaturate by 10%, it is **32.5075, 26.9280, 41.1832**.

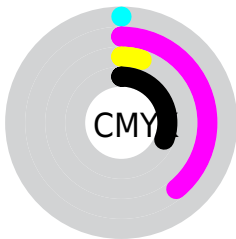
Distribution



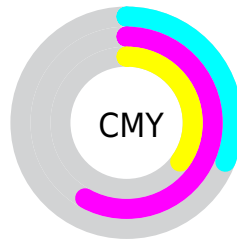
- Red (69%)
- Green (42%)
- Blue (65%)



- Red (69%)
- Yellow (42%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2421, 22.7453, 39.3556 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 30.2421, 22.7453, 39.3556 by changing the saturation by 10% instead.

 30.2421, 22.7453,
39.3556


 30.2421, 22.7453,
39.3556

294.9209,
266.4141, 358.8710


 20.1714, 14.4056,
26.7265


 59.4288, 47.9748,
75.4076


 12.6287, 8.4033,
17.1373


 79.2756, 65.6333,
99.6675

 7.2486, 4.3541,
10.1695


 103.1117, 87.1668,
128.6415

 3.6658, 1.8735,
5.4044

 131.3027,
112.9598, 162.7481

 1.5148, 0.5324,
2.4236

164.2137,
143.3967, 202.4058

 0.3359, 0.0000,
0.7992

202.2101,

 0.0000, 0.0000,

178.8617, 248.0331

0.0000

245.6574,
219.7394, 300.0487

■ 30.2421, 22.7453,
39.3556

■ 30.2421, 22.7453,
39.3556

■ 28.3567, 19.3156,
37.6743

■ 32.5075, 26.9280,
41.1832

■ 26.8264, 16.5904,
36.1302

■ 35.1716, 31.9021,
43.1626

■ 25.6268, 14.5205,
34.7153

■ 38.2544, 37.7073,
45.3010

■ 24.7294, 13.0489,
33.4200

■ 41.7738, 44.3796,
47.6043

■ 24.1010, 12.1091,
32.2330

■ 45.7469, 51.9527,
50.0784

■ 23.6825, 11.5831,
31.1347

■ 50.1896, 60.4589,
52.7287

■ 23.6301, 11.5204,
30.9877

■ 55.1173, 69.9286,
55.5604

■ 60.5445, 80.3909,
58.5784

■ 62.7382, 84.3796,
60.5384

Harmonies

Analogous

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



26.4201, 22.7453, 53.4829



30.2421, 22.7453, 39.3556



31.6864, 22.7453, 24.5134

Triad

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



30.2421, 22.7453, 39.3556



21.5304, 22.7453, 7.1265



14.8823, 22.7453, 39.9559

Complementary

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



30.2421, 22.7453, 39.3556



24.9215, 35.5239, 22.3743

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.



13.9474, 22.7453, 25.0199



30.2421, 22.7453, 39.3556



17.4374, 22.7453, 8.7680

Square

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



30.2421, 22.7453, 39.3556



26.2454, 22.7453, 8.6419



14.8135, 22.7453, 14.3175



17.5705, 22.7453, 53.9071

Rectangle

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



30.2421, 22.7453, 39.3556



30.9670, 22.7453, 16.9105



14.8135, 22.7453, 14.3175



14.3711, 22.7453, 34.7402

Sweetspot

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



30.2428, 22.7463, 39.3561



67.2916, 64.4457, 80.7397



20.3937, 17.5694, 43.3911



14.4289, 13.6758, 17.3911



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.2428, 22.7463, 39.3561



52.0053, 36.0716, 68.8669



27.5757, 21.6795, 25.3109



8.8007, 8.6270, 10.4488



17.3532, 8.4588, 22.8175



0.5594, 0.2715, 0.7883

Inverse Universe

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



30.2428, 22.7463, 39.3561



52.0053, 36.0716, 68.8669



27.2102, 36.4393, 34.4263



8.8007, 8.6270, 10.4488



17.3532, 8.4588, 22.8175



0.5594, 0.2715, 0.7883

Previews

White Background



This preview shows how the XYZ color 30.2421, 22.7453, 39.3556 looks on a white background.

Color Contrast Check

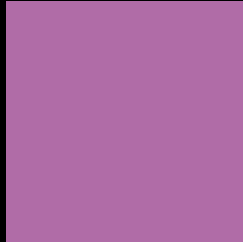
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2421, 22.7453, 39.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

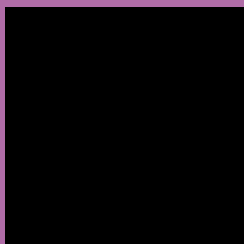
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2421, 22.7453, 39.3556

Background



This preview shows how black text looks on a background with the XYZ color 30.2421, 22.7453, 39.3556.



This preview shows how white text looks on a background with the XYZ color 30.2421, 22.7453,

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

30.2421, 22.7453, 39.3556

Protanopia

23.6001, 23.0290, 48.0009

Deuteranopia

23.3632, 22.9341, 37.8457



Tritanopia

26.8575, 22.8612, 22.3991

Trichromacy



Original Color

30.2421, 22.7453, 39.3556

Protanomaly

25.2119, 22.4118, 44.5921

Deuteranomaly

25.2153, 22.3748, 38.1117

Tritanomaly

27.9845, 22.8123, 27.7392

Monochromacy



Original Color

30.2421, 22.7453, 39.3556

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.1778, 23.2578, 30.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2421, 22.7453, 39.3556 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(176, 108, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 108, 167)  
}
```

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(176, 108, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 108, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.2421, 22.7453, 39.3556 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(176, 108, 167) }
```


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

```
.border{ border-color:rgb(176, 108, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 108, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 108, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 108, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 108,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2421, 22.7453, 39.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 108, 167) }
```

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

```
.background{ background-color: rgb(176,  
108, 167) }
```

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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