

Converting Colors

XYZ(28.0870, 22.1358, 41.1978)

Have a look what the booklet for
XYZ(28.0870, 22.1358, 41.1978)
contains.

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Color

**XYZ(28.1394, 22.0957,
41.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	A36FAB
RGB	163, 111, 171
RGB Percent	64%, 44%, 67%
CMY	0.3608, 0.5647, 0.3294
CMYK	0.05, 0.35, 0.00, 0.33
HSL	292°, 26%, 55%
HSV	292°, 35%, 67%
XYZ	28.1394, 22.0957, 41.3099
YIQ	133.3880, 11.7320, 29.6840

Conversions

Conversions Part 2

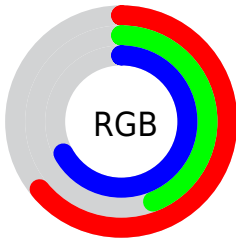
Format	Color
R_{YB}	163, 111, 171
Decimal	10710955
CIE _{Lab}	54.13, 30.97, -23.88
CIE _{LCh}	54, 39.102, 322.367
Yxy	22.0957, 0.3074, 0.2414
Android (android.graphics.Color)	4288901035 (0xFFA36FAB)
YUV	133.3880, 18.5427, 25.9697
Hunter-Lab	47.0061, 24.5955, -19.2010

Details

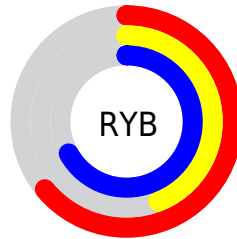
The XYZ color **28.1394, 22.0957, 41.3099** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.0407, 34.1960, 20.3207**, and the grayscale version is **22.3679, 23.5327, 25.6271**.

A 20% lighter version of the original color is **56.1757, 46.8005, 78.7457**, and **11.4828, 8.0922, 18.4095** is the 20% darker color. If you saturate the color by 10%, you get **25.9867, 18.4767, 40.7252**, and if you desaturate by 10%, it is **30.6591, 26.4353, 42.0150**.

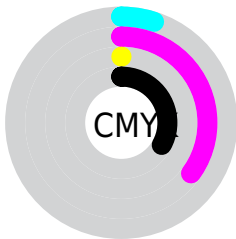
Distribution



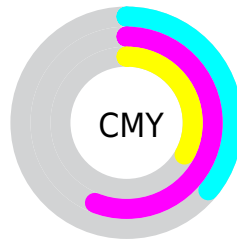
- Red (64%)
- Green (44%)
- Blue (67%)



- Red (64%)
- Yellow (44%)
- Blue (67%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)





- Cyan (36%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1394, 22.0957, 41.3099 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 28.1394, 22.0957, 41.3099 by changing the saturation by 10% instead.


 28.1394, 22.0957,
41.3099

 28.1394, 22.0957,
41.3099

285.2004,
263.0456, 367.3291


 18.5718, 13.9272,
28.2398


 56.1140, 46.9041,
78.4129


 11.4634, 8.0701,
18.2659


 75.2517, 64.3129,
103.2828

 6.4490, 4.1398,
10.9696


 98.3101, 85.5705,
132.9232

 3.1632, 1.7521,
5.9325

 125.6546,
111.0614, 167.7524

 1.2407, 0.4570,
2.7360

157.6505,
141.1700, 208.1890

 0.1381, 0.0000,
0.9614

194.6632,

 0.0000, 0.0000,

176.2806, 254.6517

0.0000

237.0581,
216.7777, 307.5589

■ 28.1394, 22.0957,
41.3099

■ 28.1394, 22.0957,
41.3099

■ 25.9867, 18.4767,
40.7252

■ 30.6591, 26.4353,
42.0150

■ 24.1784, 15.5346,
40.2526

■ 33.5625, 31.5302,
42.8454

■ 22.6927, 13.2251,
39.8851

■ 36.8679, 37.4165,
43.8074

■ 21.5042, 11.4978,
39.6143

■ 40.5918, 44.1270,
44.9064

■ 20.5837, 10.2943,
39.4306

■ 44.7496, 51.6928,
46.1476

■ 19.8952, 9.5426,
39.3218

■ 49.3561, 60.1430,
47.5359

■ 19.5999, 9.2550,
39.2818

■ 54.4253, 69.5057,
49.0759

■ 59.9706, 79.8077,
50.7721

■ 62.7633, 84.5916,
51.5483

Harmonies

Analogous

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



24.2579, 22.0957, 52.7421



28.1394, 22.0957, 41.3099



30.1590, 22.0957, 27.2938

Triad

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



28.1394, 22.0957, 41.3099



22.1025, 22.0957, 7.5472



14.3301, 22.0957, 34.0786

Complementary

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



28.1394, 22.0957, 41.3099



25.0407, 34.1960, 20.3207

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.



13.9149, 22.0957, 21.0895



28.1394, 22.0957, 41.3099



18.0500, 22.0957, 8.2853

Square

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



28.1394, 22.0957, 41.3099



26.3811, 22.0957, 9.9037



15.1856, 22.0957, 12.4355



16.4076, 22.0957, 47.6814

Rectangle

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



28.1394, 22.0957, 41.3099



30.0104, 22.0957, 19.3976



15.1856, 22.0957, 12.4355



14.0040, 22.0957, 29.4118

Sweetspot

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



28.1401, 22.0967, 41.3104



62.3246, 60.3990, 77.3752



20.5040, 19.5145, 41.2144



13.7296, 13.1690, 17.2059



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.1401, 22.0967, 41.3104



47.3874, 34.4980, 73.1631



27.9045, 22.1977, 31.2484



8.2305, 8.0931, 10.0810



14.8073, 6.9933, 29.6139



0.4404, 0.2092, 0.8252

Inverse Universe

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



25.8095, 21.3597, 20.2163



42.7004, 33.0464, 29.3649



25.3529, 34.1994, 27.4561



8.0471, 8.0321, 8.5589



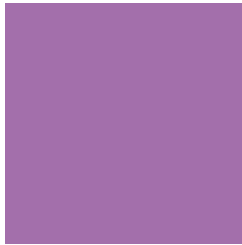
12.7874, 6.5775, 1.2602



0.3690, 0.1883, 0.1048

Previews

White Background



This preview shows how the XYZ color 28.1394, 22.0957, 41.3099 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 28.1394, 22.0957, 41.3099 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 28.1394, 22.0957, 41.3099

Background



This preview shows how black text looks on a background with the XYZ color 28.1394, 22.0957, 41.3099.



This preview shows how white text looks on a background with the XYZ color 28.1394, 22.0957,

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

28.1394, 22.0957, 41.3099

Protanopia

23.0530, 22.3438, 48.4452

Deuteranopia

22.6833, 22.1435, 40.1244



Tritanopia

24.5835, 22.1860, 23.7555

Trichromacy



Original Color

28.1394, 22.0957, 41.3099

Protanomaly

24.4563, 21.9990, 45.6051

Deuteranomaly

24.3153, 21.8577, 40.4735

Tritanomaly

25.6934, 22.1071, 29.2985

Monochromacy



Original Color

28.1394, 22.0957, 41.3099

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.1017, 22.7031, 30.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1394, 22.0957, 41.3099 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, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 111, 171)  
}
```

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, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 111, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.1394, 22.0957, 41.3099 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, 111, 171) }
```


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

```
.border{ border-color:rgb(163, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 111,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1394, 22.0957, 41.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 111, 171) }
```

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

```
.background{ background-color: rgb(163,  
111, 171) }
```

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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