

Converting Colors

XYZ(41.7383, 40.2909, 72.5962)

Have a look what the booklet for
XYZ(41.7383, 40.2909, 72.5962)
contains.

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Color

**XYZ(41.7322, 40.2794,
72.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A6DB
RGB	164, 166, 219
RGB Percent	64%, 65%, 86%
CMY	0.3569, 0.3490, 0.1412
CMYK	0.25, 0.24, 0.00, 0.14
HSL	238°, 43%, 75%
HSV	238°, 25%, 86%
XYZ	41.7322, 40.2794, 72.5930
YIQ	171.4440, -18.2050, 16.0590

Conversions

Conversions Part 2

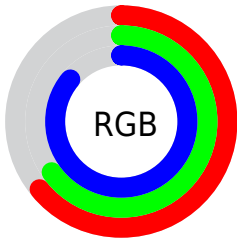
Format	Color
RYB	164, 166, 219
Decimal	10790619
CIELab	69.67, 10.77, -27.02
CIELCh	70, 29.083, 291.731
Yxy	40.2794, 0.2699, 0.2605
Android (android.graphics.Color)	4288980699 (0xFFA4A6DB)
YUV	171.4440, 23.4451, -6.5284
Hunter-Lab	63.4661, 6.3074, -23.3902

Details

The XYZ color **41.7322, 40.2794, 72.5930** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.7276, 67.3663, 44.9254**, and the grayscale version is **38.8252, 40.8472, 44.4826**.

A 20% lighter version of the original color is **73.4217, 74.1485, 105.0501**, and **19.2737, 18.0945, 37.5987** is the 20% darker color. If you saturate the color by 10%, you get **34.0694, 31.0947, 71.2247**, and if you desaturate by 10%, it is **50.8053, 51.1274, 74.2094**.

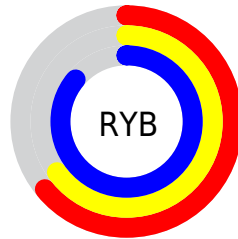
Distribution



Red (64%)

Green (65%)

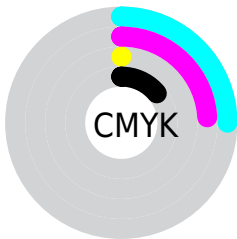
Blue (86%)



Red (64%)

Yellow (65%)

Blue (86%)

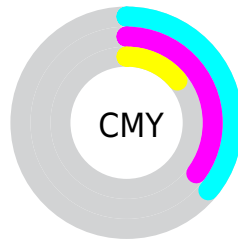


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7322, 40.2794, 72.5930 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 41.7322, 40.2794, 72.5930 by changing the saturation by 10% instead.

■ 41.7322, 40.2794,
72.5930

■ 41.7322, 40.2794,
72.5930

344.3821,
347.2998, 488.6359

■ 29.0818, 27.7565,
53.1534

■ 77.0619, 75.5888,
124.6148

■ 19.2873, 18.1422,
37.5367

■ 100.4719, 99.1440,
158.0341

■ 11.9833, 11.0521,
25.3243

128.1992,
127.1455, 196.9504

■ 6.8044, 6.1019,
16.0976

160.6091,
159.9775, 241.7823

■ 3.3853, 2.9071,
9.4381

198.0670,
198.0246, 292.9482

■ 1.3607, 1.0834,
4.9274

240.9382,

■ 0.2279, 0.0000,

241.6711, 350.8668

2.1467

289.5882,
291.3013, 415.9565

■ 0.0000, 0.0000,
0.6434

■ 0.0000, 0.0000,
0.0000

■ 41.7322, 40.2794,
72.5930

■ 41.7322, 40.2794,
72.5930

■ 34.0694, 31.0947,
71.2247

■ 50.8053, 51.1274,
74.2094

■ 27.7423, 23.4865,
70.0897

■ 61.3504, 63.7101,
76.0823

■ 22.6758, 17.3677,
69.1757

■ 73.4302, 78.1006,
78.2232

■ 18.7853, 12.6405,
68.4683

■ 87.1027, 94.3664,
80.6422

■ 15.9762, 9.1957,
67.9514

■ 89.7863, 97.8945,
81.1818

■ 14.1390, 6.9077,
67.6066

■ 13.1413, 5.6254,
67.4117

■ 12.8728, 5.2875,
67.3606

Harmonies

Analogous

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



36.9981, 40.2794, 74.8147



41.7322, 40.2794, 72.5930



45.8346, 40.2794, 61.9391

Triad

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



41.7322, 40.2794, 72.5930



44.1647, 40.2794, 26.5001



30.0122, 40.2794, 40.2360

Complementary

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



41.7322, 40.2794, 72.5930



60.7276, 67.3663, 44.9254

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.



31.6125, 40.2794, 29.6893



41.7322, 40.2794, 72.5930



39.6001, 40.2794, 22.8912

Square

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



41.7322, 40.2794, 72.5930



47.3171, 40.2794, 34.9478



35.0319, 40.2794, 23.9253



30.4812, 40.2794, 54.1656

Rectangle

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



41.7322, 40.2794, 72.5930



47.5327, 40.2794, 52.4901



35.0319, 40.2794, 23.9253



30.3209, 40.2794, 36.2272

Sweetspot

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



41.7335, 40.2810, 72.5939



81.9854, 84.4270, 106.5827



53.0693, 63.5272, 74.6010



17.0560, 17.4836, 22.7257



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.7335, 40.2810, 72.5939



53.1066, 49.9073, 101.4418



46.9870, 42.4534, 72.7364



12.3765, 12.6927, 16.4498



7.6501, 3.1696, 39.9470



0.5093, 0.2327, 2.5925

Inverse Universe

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



49.3729, 44.3653, 42.0392



65.6297, 56.6480, 51.3437



54.3456, 64.8466, 44.7755



13.0751, 13.0592, 13.6570



17.3567, 8.9437, 0.9927



1.1314, 0.5822, 0.1007

Previews

White Background



This preview shows how the XYZ color 41.7322, 40.2794, 72.5930 looks on a white background.

Color Contrast Check

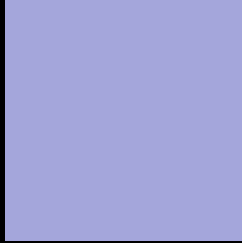
Large Text (above 18pt) WCAG AA × Fail

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 41.7322, 40.2794, 72.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

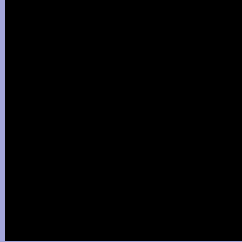
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7322, 40.2794, 72.5930

Background



This preview shows how black text looks on a background with the XYZ color 41.7322, 40.2794, 72.5930.



This preview shows how white text looks on a background with the XYZ color 41.7322, 40.2794,

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

41.7322, 40.2794, 72.5930

Protanopia

40.7641, 40.2936, 74.0356

Deuteranopia

41.3028, 40.3290, 72.6252



Tritanopia

37.5201, 40.2183, 52.2398

Trichromacy



Original Color

41.7322, 40.2794, 72.5930

Protanomaly

41.0351, 40.1757, 73.3020

Deuteranomaly

41.5052, 40.4333, 72.6347

Tritanomaly

39.0650, 40.3003, 59.1459

Monochromacy



Original Color

41.7322, 40.2794, 72.5930

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4135, 40.3316, 53.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7322, 40.2794, 72.5930 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(164, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(164, 166, 219)  
}
```

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(164, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 166, 219) }
```

Border

The CSS property to change the border of an element to XYZ 41.7322, 40.2794, 72.5930 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(164, 166, 219) }
```


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

```
.border{ border-color:rgb(164, 166, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 166, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 166, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 166, 219);  
box-shadow:4px 4px 4px 4px rgb(164, 166,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7322, 40.2794, 72.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 166, 219) }
```

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

```
.background{ background-color: rgb(164,  
166, 219) }
```

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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