

Converting Colors

XYZ(35.0246, 34.2422, 71.0931)

Have a look what the booklet for
XYZ(35.0246, 34.2422, 71.0931)
contains.

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Color

**XYZ(35.0246, 34.2422,
71.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9CDA
RGB	138, 156, 218
RGB Percent	54%, 61%, 85%
CMY	0.4588, 0.3882, 0.1451
CMYK	0.37, 0.28, 0.00, 0.15
HSL	226°, 52%, 70%
HSV	226°, 37%, 85%
XYZ	35.0246, 34.2422, 71.0931
YIQ	157.6860, -30.6300, 15.4660

Conversions

Conversions Part 2

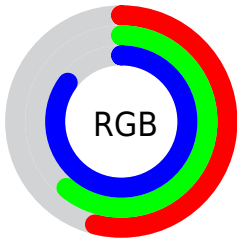
Format	Color
RYB	138, 153, 218
Decimal	9084122
CIELab	65.15, 8.66, -33.59
CIELCh	65, 34.686, 284.463
Yxy	34.2422, 0.2495, 0.2440
Android (android.graphics.Color)	4287274202 (0xFF8A9CDA)
YUV	157.6860, 29.7348, -17.2646
Hunter-Lab	58.5168, 4.4347, -31.0706

Details

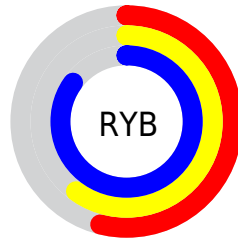
The XYZ color **35.0246, 34.2422, 71.0931** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1560, 58.0499, 32.3965**, and the grayscale version is **32.2379, 33.9168, 36.9354**.

A 20% lighter version of the original color is **63.3447, 64.7825, 103.7734**, and **15.3186, 14.6323, 36.6673** is the 20% darker color. If you saturate the color by 10%, you get **29.1328, 27.2855, 70.0615**, and if you desaturate by 10%, it is **42.0370, 42.3634, 72.2917**.

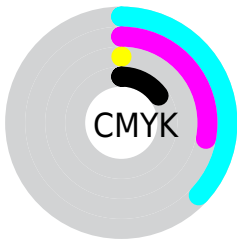
Distribution



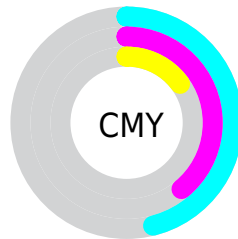
- Red (54%)
- Green (61%)
- Blue (85%)



- Red (54%)
- Yellow (60%)
- Blue (85%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0246, 34.2422, 71.0931 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 35.0246, 34.2422, 71.0931 by changing the saturation by 10% instead.

■ 35.0246, 34.2422,
71.0931

■ 35.0246, 34.2422,
71.0931

316.1830,
321.2107, 483.2712

■ 23.8484, 23.0797,
51.9359

■ 66.8576, 66.3101,
122.4620

■ 15.3453, 14.6524,
36.5721

■ 88.2452, 87.9844,
155.5107

■ 9.1500, 8.5758,
24.5832

■ 113.7673,
113.9313, 194.0270

■ 4.8971, 4.4655,
15.5506

143.7893,
144.5354, 238.4295

■ 2.2211, 1.9372,
9.0558

178.6765,
180.1810, 289.1366

■ 0.7538, 0.5706,
4.6803

218.7943,

■ 0.0000, 0.0000,

221.2525, 346.5669

2.0055

264.5080,
268.1342, 411.1389

■ 0.0000, 0.0000,
0.5586

■ 0.0000, 0.0000,
0.0000

■ 35.0246, 34.2422,
71.0931

■ 35.0246, 34.2422,
71.0931

■ 29.1328, 27.2855,
70.0615

■ 42.0370, 42.3634,
72.2917

■ 24.2983, 21.4345,
69.1869

■ 50.2216, 51.6962,
73.6617

■ 20.4567, 16.6310,
68.4622

■ 59.6310, 62.2899,
75.2106

■ 17.5349, 12.8098,
67.8787

■ 70.3137, 74.1899,
76.9445

■ 15.4487, 9.8972,
67.4264

■ 82.3152, 87.4390,
78.8692

■ 14.0940, 7.8061,
67.0942

■ 89.6550, 97.8420,
80.4904

■ 13.7554, 7.2629,
67.0072

Harmonies

Analogous

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



30.0211, 34.2422, 70.8865



35.0246, 34.2422, 71.0931



39.8096, 34.2422, 60.7807

Triad

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



35.0246, 34.2422, 71.0931



39.9565, 34.2422, 21.0394



24.0811, 34.2422, 30.3391

Complementary

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



35.0246, 34.2422, 71.0931



54.1560, 58.0499, 32.3965

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.



26.2248, 34.2422, 20.7894



35.0246, 34.2422, 71.0931



35.2090, 34.2422, 16.4421

Square

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



35.0246, 34.2422, 71.0931



42.8499, 34.2422, 30.7788



30.1875, 34.2422, 16.3643



24.0427, 34.2422, 44.6466

Rectangle

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



35.0246, 34.2422, 71.0931



42.0869, 34.2422, 50.5599



30.1875, 34.2422, 16.3643



24.5687, 34.2422, 26.5627

Sweetspot

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



35.0258, 34.2435, 71.0939



78.9257, 81.9686, 106.2694



45.9012, 59.6860, 63.3382



16.5009, 17.1028, 22.6814



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.



35.0258, 34.2435, 71.0939



43.3541, 41.0637, 100.2488



36.1088, 30.6453, 70.3423



12.5752, 13.0901, 16.5160



8.3076, 4.4847, 40.1662



0.6033, 0.4207, 2.6238

Inverse Universe

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



44.0037, 35.4839, 35.9836



58.1046, 43.6738, 42.4353



52.5985, 63.8040, 33.5892



13.1754, 13.0993, 14.1850



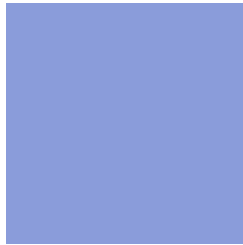
17.6886, 9.0765, 2.7404



1.1788, 0.6012, 0.3505

Previews

White Background



This preview shows how the XYZ color 35.0246, 34.2422, 71.0931 looks on a white background.

Color Contrast Check

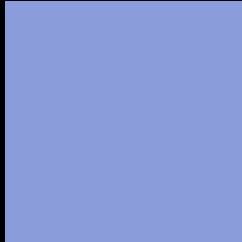
Large Text (above 18pt) WCAG AA × Fail

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 35.0246, 34.2422, 71.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

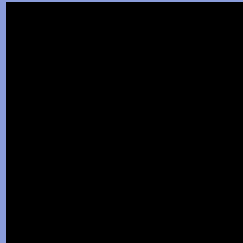
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0246, 34.2422, 71.0931

Background



This preview shows how black text looks on a background with the XYZ color 35.0246, 34.2422, 71.0931.



This preview shows how white text looks on a background with the XYZ color 35.0246, 34.2422,

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

35.0246, 34.2422, 71.0931

Protanopia

35.1908, 34.3279, 71.1009

Deuteranopia

35.0246, 34.2422, 71.0931



Tritanopia

30.1134, 34.3144, 46.6312

Trichromacy



Original Color

35.0246, 34.2422, 71.0931

Protanomaly

35.1908, 34.3279, 71.1009

Deuteranomaly

35.0246, 34.2422, 71.0931

Tritanomaly

31.7750, 34.2010, 54.7959

Monochromacy



Original Color

35.0246, 34.2422, 71.0931

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0577, 33.9885, 47.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0246, 34.2422, 71.0931 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(138, 156, 218)` looks like.

```
.text, #text, p{  
    color:rgb(138, 156, 218)  
}
```

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(138, 156, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 156, 218) }
```

Border

The CSS property to change the border of an element to XYZ 35.0246, 34.2422, 71.0931 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(138, 156, 218) }
```


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

```
.border{ border-color:rgb(138, 156, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 156, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 156, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 156, 218);  
box-shadow:4px 4px 4px 4px rgb(138, 156,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0246, 34.2422, 71.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 156, 218) }
```

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

```
.background{ background-color: rgb(138,  
156, 218) }
```

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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