

Converting Colors

XYZ(42.5026, 44.4446, 71.5291)

Have a look what the booklet for
XYZ(42.5026, 44.4446, 71.5291)
contains.

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Color

**XYZ(42.4194, 44.3662,
71.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB3D8
RGB	157, 179, 216
RGB Percent	62%, 70%, 85%
CMY	0.3843, 0.2980, 0.1529
CMYK	0.27, 0.17, 0.00, 0.15
HSL	218°, 43%, 73%
HSV	218°, 27%, 85%
XYZ	42.4194, 44.3662, 71.2935
YIQ	176.6400, -24.9890, 6.8430

Conversions

Conversions Part 2

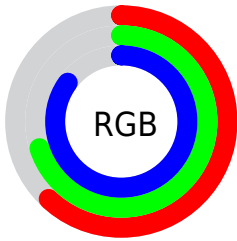
Format	Color
RYB	157, 173, 216
Decimal	10335192
CIELab	72.47, 0.75, -21.13
CIELCh	72, 21.145, 272.044
Yxy	44.3662, 0.2683, 0.2807
Android (android.graphics.Color)	4288525272 (0xFF9DB3D8)
YUV	176.6400, 19.4045, -17.2243
Hunter-Lab	66.6080, -2.8859, -16.8352

Details

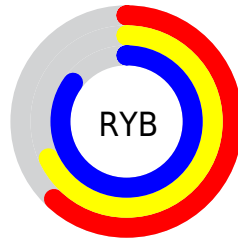
The XYZ color **42.4194, 44.3662, 71.2935** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.6971, 55.6171, 39.8045**, and the grayscale version is **41.5133, 43.6752, 47.5623**.

A 20% lighter version of the original color is **74.9097, 80.6337, 106.2234**, and **19.6028, 20.4380, 36.6300** is the 20% darker color. If you saturate the color by 10%, you get **35.9894, 37.2182, 70.2535**, and if you desaturate by 10%, it is **49.8639, 52.4352, 72.4593**.

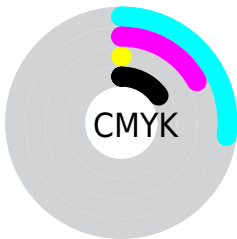
Distribution



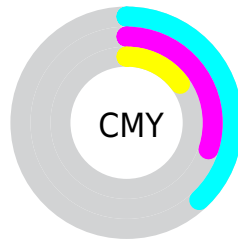
- Red (62%)
- Green (70%)
- Blue (85%)



- Red (62%)
- Yellow (68%)
- Blue (85%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4194, 44.3662, 71.2935 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 42.4194, 44.3662, 71.2935 by changing the saturation by 10% instead.

■ 42.4194, 44.3662,
71.2935

■ 42.4194, 44.3662,
71.2935

347.1807,
364.2006, 483.9901

■ 29.6224, 30.9585,
52.0984

■ 78.0952, 81.7685,
122.7499

■ 19.6988, 20.5673,
36.7008

■ 101.7046,
106.5319, 155.8483

■ 12.2833, 12.8080,
24.6819

129.6489,
135.8493, 194.4183

■ 7.0105, 7.2965,
15.6234

162.2934,
170.1052, 238.8783

■ 3.5150, 3.6482,
9.1066

200.0035,
209.6838, 289.6470

■ 1.4316, 1.4788,
4.7130

243.1445,

■ 0.2786, 0.2737,

254.9696, 347.1428

2.0241

292.0818,
306.3471, 411.7843

■ 0.0000, 0.0000,
0.5700

■ 0.0000, 0.0000,
0.0000

■ 42.4194, 44.3662,
71.2935

■ 42.4194, 44.3662,
71.2935

■ 35.9894, 37.2182,
70.2535

■ 49.8639, 52.4352,
72.4593

■ 30.5227, 30.9504,
69.3318

■ 58.3624, 61.4532,
73.7521

■ 25.9700, 25.5264,
68.5248

■ 67.9574, 71.4538,
75.1767

■ 22.2755, 20.9049,
67.8275

■ 78.6875, 82.4669,
76.7369

■ 19.3763, 17.0405,
67.2344

■ 86.8130, 92.5744,
78.2596

■ 17.2002, 13.8818,
66.7394

■ 89.3948, 97.7379,
79.1202

■ 15.6523, 11.3651,
66.3352

■ 15.3038, 10.7759,
66.2398

Harmonies

Analogous

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



38.9651, 44.3662, 68.3137



42.4194, 44.3662, 71.2935



46.0010, 44.3662, 67.4151

Triad

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



42.4194, 44.3662, 71.2935



48.3985, 44.3662, 38.4132



36.2712, 44.3662, 39.4882

Complementary

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



42.4194, 44.3662, 71.2935



53.6971, 55.6171, 39.8045

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.



38.5554, 44.3662, 33.2012



42.4194, 44.3662, 71.2935



45.5434, 44.3662, 32.6463

Square

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



42.4194, 44.3662, 71.2935



49.5745, 44.3662, 47.5943



41.9191, 44.3662, 30.8836



35.5399, 44.3662, 49.0272

Rectangle

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



42.4194, 44.3662, 71.2935



47.9450, 44.3662, 61.7468



41.9191, 44.3662, 30.8836



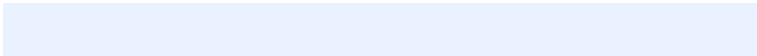
36.8761, 44.3662, 36.9747

Sweetspot

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



42.4208, 44.3680, 71.2945



83.9929, 88.4419, 107.2518



48.1300, 60.1481, 59.7506



17.5579, 18.4874, 22.8930



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.



42.4208, 44.3680, 71.2945



55.9865, 58.2103, 102.8926



39.7385, 36.9532, 70.0047



12.1182, 12.7598, 15.7617



9.1536, 6.5689, 39.2386



0.6302, 0.5525, 2.3927

Inverse Universe

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



48.5137, 41.9688, 48.1936



66.4625, 54.6044, 63.0569



56.9700, 65.1192, 41.4661



12.6129, 12.4966, 13.9016



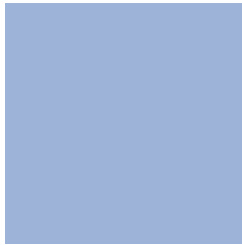
17.6791, 9.0080, 5.6145



1.1058, 0.5591, 0.5464

Previews

White Background



This preview shows how the XYZ color 42.4194, 44.3662, 71.2935 looks on a white background.

Color Contrast Check

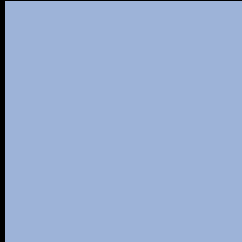
Large Text (above 18pt) WCAG AA × Fail

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 42.4194, 44.3662, 71.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

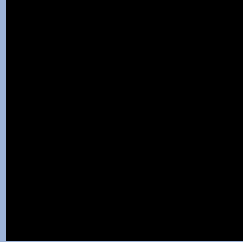
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4194, 44.3662, 71.2935

Background



This preview shows how black text looks on a background with the XYZ color 42.4194, 44.3662, 71.2935.



This preview shows how white text looks on a background with the XYZ color 42.4194, 44.3662,

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

42.4194, 44.3662, 71.2935

Protanopia

44.0251, 44.3407, 69.8566

Deuteranopia

45.3396, 44.3958, 71.8252



Tritanopia

39.9429, 44.2594, 59.2610

Trichromacy



Original Color

42.4194, 44.3662, 71.2935

Protanomaly

43.5049, 44.3499, 70.5574

Deuteranomaly

44.1982, 44.3853, 71.8834

Tritanomaly

40.7494, 44.2774, 63.5254

Monochromacy



Original Color

42.4194, 44.3662, 71.2935

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9019, 44.1484, 55.6032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4194, 44.3662, 71.2935 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(157, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 216)  
}
```

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(157, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 216) }
```

Border

The CSS property to change the border of an element to XYZ 42.4194, 44.3662, 71.2935 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(157, 179, 216) }
```


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

```
.border{ border-color:rgb(157, 179, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(157, 179,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4194, 44.3662, 71.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 216) }
```

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

```
.background{ background-color: rgb(157,  
179, 216) }
```

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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