

Converting Colors

XYZ(41.3155, 44.1658, 72.1571)

Have a look what the booklet for
XYZ(41.3155, 44.1658, 72.1571)
contains.

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Color

**XYZ(41.2401, 44.0418,
71.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	95B4D9
RGB	149, 180, 217
RGB Percent	58%, 71%, 85%
CMY	0.4157, 0.2941, 0.1490
CMYK	0.31, 0.17, 0.00, 0.15
HSL	213°, 47%, 72%
HSV	213°, 31%, 85%
XYZ	41.2401, 44.0418, 71.9730
YIQ	174.9490, -30.3530, 4.9350

Conversions

Conversions Part 2

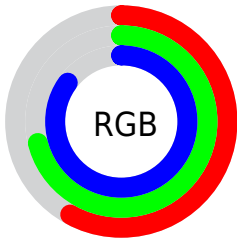
Format	Color
RYB	149, 170, 217
Decimal	9811161
CIELab	72.26, -1.89, -22.05
CIElCh	72, 22.135, 265.106
Yxy	44.0418, 0.2623, 0.2801
Android (android.graphics.Color)	4288001241 (0xFF95B4D9)
YUV	174.9490, 20.7311, -22.7573
Hunter-Lab	66.3640, -5.2130, -17.8463

Details

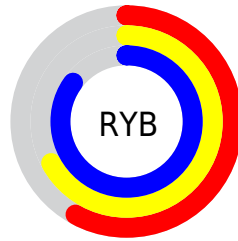
The XYZ color **41.2401, 44.0418, 71.9730** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.5999, 52.0403, 35.7604**, and the grayscale version is **40.6297, 42.7456, 46.5500**.

A 20% lighter version of the original color is **72.9473, 80.0483, 106.2139**, and **18.9348, 20.2742, 37.0978** is the 20% darker color. If you saturate the color by 10%, you get **35.3610, 37.6229, 71.0446**, and if you desaturate by 10%, it is **48.0626, 51.2505, 73.0056**.

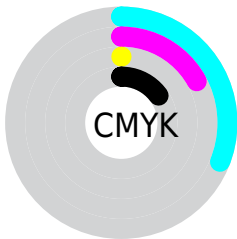
Distribution



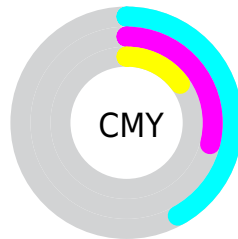
- Red (58%)
- Green (71%)
- Blue (85%)



- Red (58%)
- Yellow (67%)
- Blue (85%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2401, 44.0418, 71.9730 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 41.2401, 44.0418, 71.9730 by changing the saturation by 10% instead.

■ 41.2401, 44.0418,
71.9730

■ 41.2401, 44.0418,
71.9730

342.3686,
362.8788, 486.4226

■ 28.6952, 30.7034,
52.6499

■ 76.3206, 81.2806,
123.7255

■ 18.9935, 20.3731,
37.1376

■ 99.5870, 105.9498,
156.9920

■ 11.7696, 12.6665,
25.0174

127.1580,
135.1648, 195.7434

■ 6.6581, 7.1993,
15.8709

159.3989,
169.3098, 240.3982

■ 3.2936, 3.5871,
9.2795

196.6750,
208.7693, 291.3750

■ 1.3109, 1.4454,
4.8246

239.3518,

■ 0.1913, 0.2498,

253.9277, 349.0923

2.0878

287.7945,
305.1694, 413.9687

■ 0.0000, 0.0000,
0.6085

■ 0.0000, 0.0000,
0.0000

■ 41.2401, 44.0418,
71.9730

■ 41.2401, 44.0418,
71.9730

■ 35.3610, 37.6229,
71.0446

■ 48.0626, 51.2505,
73.0056

■ 30.3752, 31.9574,
70.2139

■ 55.8672, 59.2732,
74.1428

■ 26.2336, 27.0134,
69.4779

■ 64.6951, 68.1390,
75.3888

■ 22.8806, 22.7540,
68.8324

■ 74.5840, 77.8742,
76.7466

■ 20.2527, 19.1380,
68.2730

■ 84.6424, 88.0256,
78.1759

■ 18.2750, 16.1178,
67.7943

■ 88.2136, 95.1680,
79.3663

■ 16.9797, 13.9202,
67.4384

■ 89.5245, 97.7898,
79.8033

Harmonies

Analogous

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



37.8179, 44.0418, 67.2482



41.2401, 44.0418, 71.9730



45.0380, 44.0418, 69.5099

Triad

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



41.2401, 44.0418, 71.9730



48.8320, 44.0418, 39.6115



36.1485, 44.0418, 36.9510

Complementary

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



41.2401, 44.0418, 71.9730



51.5999, 52.0403, 35.7604

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.



38.8359, 44.0418, 31.3905



41.2401, 44.0418, 71.9730



46.1812, 44.0418, 32.7558

Square

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



41.2401, 44.0418, 71.9730



49.5712, 44.0418, 49.7617



42.4869, 44.0418, 29.9792



34.9938, 44.0418, 46.1907

Rectangle

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



41.2401, 44.0418, 71.9730



47.2532, 44.0418, 64.2928



42.4869, 44.0418, 29.9792



36.8944, 44.0418, 34.6482

Sweetspot

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



41.2415, 44.0435, 71.9740



83.2499, 88.1941, 107.2432



45.9936, 59.5303, 55.1143



17.4355, 18.4891, 22.8998



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.



41.2415, 44.0435, 71.9740



53.3557, 56.8701, 102.7726



36.0852, 33.1109, 70.1356



12.8252, 13.5902, 16.5993



10.3814, 8.6322, 40.8574



0.7580, 0.7301, 2.6754

Inverse Universe

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



47.6021, 39.5433, 48.3055



64.1773, 50.0252, 62.3221



58.1847, 66.2033, 38.1470



13.3017, 13.1498, 14.8498



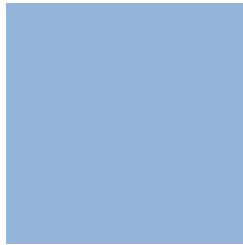
18.7354, 9.4952, 8.2524



1.2569, 0.6324, 0.7617

Previews

White Background



This preview shows how the XYZ color 41.2401, 44.0418, 71.9730 looks on a white background.

Color Contrast Check

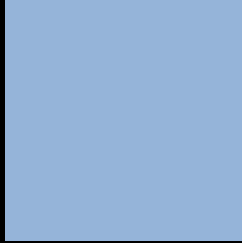
Large Text (above 18pt) WCAG AA × Fail

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 41.2401, 44.0418, 71.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

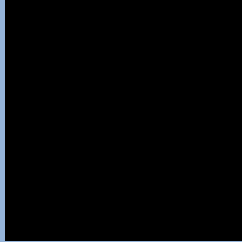
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

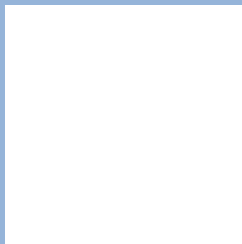
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2401, 44.0418, 71.9730

Background



This preview shows how black text looks on a background with the XYZ color 41.2401, 44.0418, 71.9730.



This preview shows how white text looks on a background with the XYZ color 41.2401, 44.0418,

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

41.2401, 44.0418, 71.9730

Protanopia

43.6160, 43.8398, 69.7814

Deuteranopia

44.8320, 43.8333, 72.4274



Tritanopia

38.8036, 43.9639, 59.8668

Trichromacy



Original Color

41.2401, 44.0418, 71.9730

Protanomaly

42.6858, 43.9276, 70.5191

Deuteranomaly

43.4901, 44.0051, 72.5313

Tritanomaly

39.6015, 43.9747, 64.1583

Monochromacy



Original Color

41.2401, 44.0418, 71.9730

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7423, 43.2690, 54.9196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2401, 44.0418, 71.9730 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(149, 180, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 217)  
}
```

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(149, 180, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 217) }
```

Border

The CSS property to change the border of an element to XYZ 41.2401, 44.0418, 71.9730 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(149, 180, 217) }
```


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

```
.border{ border-color:rgb(149, 180, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 180, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2401, 44.0418, 71.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 217) }
```

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

```
.background{ background-color: rgb(149,  
180, 217) }
```

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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