

Converting Colors

XYZ(41.2373, 44.8574, 76.2969)

Have a look what the booklet for
XYZ(41.2373, 44.8574, 76.2969)
contains.

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Color

**XYZ(41.2373, 44.8574,
76.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB7DF
RGB	141, 183, 223
RGB Percent	55%, 72%, 87%
CMY	0.4470, 0.2823, 0.1255
CMYK	0.37, 0.18, 0.00, 0.13
HSL	209°, 56%, 71%
HSV	209°, 37%, 87%
XYZ	41.2373, 44.8574, 76.2969
YIQ	175.0020, -37.8720, 3.5360

Conversions

Conversions Part 2

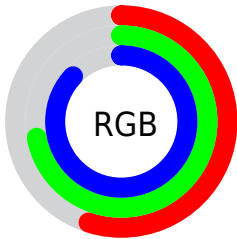
Format	Color
RYB	141, 169, 223
Decimal	9287647
CIELab	72.80, -4.23, -24.54
CIELCh	73, 24.904, 260.219
Yxy	44.8574, 0.2539, 0.2762
Android (android.graphics.Color)	4287477727 (0xFF8DB7DF)
YUV	175.0020, 23.6630, -29.8198
Hunter-Lab	66.9757, -7.3040, -20.6586

Details

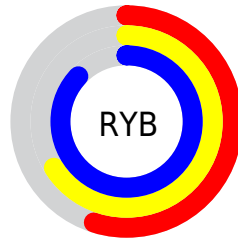
The XYZ color **41.2373, 44.8574, 76.2969** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.7640, 50.6598, 32.2509**, and the grayscale version is **40.6453, 42.7620, 46.5678**.

A 20% lighter version of the original color is **71.9425, 80.8233, 106.4164**, and **18.9810, 20.8187, 40.0638** is the 20% darker color. If you saturate the color by 10%, you get **35.6630, 38.7816, 75.4187**, and if you desaturate by 10%, it is **47.7513, 51.6771, 77.2707**.

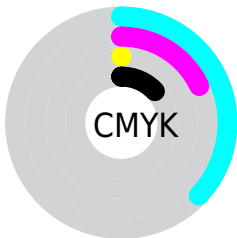
Distribution



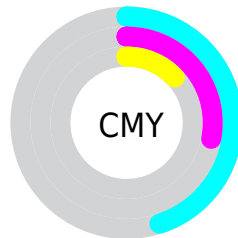
- Red (55%)
- Green (72%)
- Blue (87%)



- Red (55%)
- Yellow (66%)
- Blue (87%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2373, 44.8574, 76.2969 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 41.2373, 44.8574, 76.2969 by changing the saturation by 10% instead.

■ 41.2373, 44.8574,
76.2969

■ 41.2373, 44.8574,
76.2969

342.3571,
366.1957, 501.7373

■ 28.6930, 31.3451,
56.1679

■ 76.3164, 82.5064,
129.9104

■ 18.9918, 20.8618,
39.9326

■ 99.5820, 107.4119,
164.2320

■ 11.7684, 13.0230,
27.1726

127.1521,
136.8839, 204.1216

■ 6.6572, 7.4444,
17.4693

159.3920,
171.3068, 249.9976

■ 3.2931, 3.7415,
10.4042

196.6671,
211.0651, 302.2786

■ 1.3106, 1.5301,
5.5587

239.3427,

■ 0.1911, 0.3097,

256.5431, 361.3832

2.5142

287.7843,
308.1251, 427.7299

■ 0.0000, 0.0000,
0.8477

■ 0.0000, 0.0000,
0.0000

■ 41.2373, 44.8574,
76.2969

■ 41.2373, 44.8574,
76.2969

■ 35.6630, 38.7816,
75.4187

■ 47.7513, 51.6771,
77.2707

■ 30.9740, 33.4128,
74.6296

■ 55.2468, 59.2648,
78.3402

■ 27.1169, 28.7186,
73.9268

■ 63.7679, 67.6497,
79.5095

■ 24.0295, 24.6606,
73.3063

■ 73.3547, 76.8577,
80.7816

■ 21.6399, 21.1953,
72.7633

■ 84.0452, 86.9135,
82.1591

■ 19.8570, 18.2690,
72.2925

■ 88.2101, 93.8891,
83.2860

■ 19.3618, 17.4126,
72.1533

■ 90.3194, 98.1078,
83.9891

Harmonies

Analogous

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



37.5290, 44.8574, 69.5442



41.2373, 44.8574, 76.2969



45.5771, 44.8574, 74.7960

Triad

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



41.2373, 44.8574, 76.2969



50.9318, 44.8574, 41.0591



36.5543, 44.8574, 35.1234

Complementary

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



41.2373, 44.8574, 76.2969



51.7640, 50.6598, 32.2509

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.



39.8235, 44.8574, 29.7162



41.2373, 44.8574, 76.2969



48.1856, 44.8574, 32.7195

Square

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



41.2373, 44.8574, 76.2969



51.3742, 44.8574, 53.0043



44.0652, 44.8574, 28.9177



34.9488, 44.8574, 44.9037

Rectangle

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



41.2373, 44.8574, 76.2969



48.2384, 44.8574, 69.3963



44.0652, 44.8574, 28.9177



37.4844, 44.8574, 32.8091

Sweetspot

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



41.2387, 44.8591, 76.2980



81.2621, 86.6414, 107.0482



45.6763, 61.7602, 53.0339



17.0559, 18.2126, 22.8664



0.0000, 0.0000, 0.0000



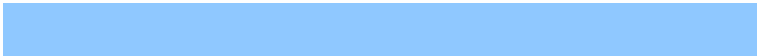
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2387, 44.8591, 76.2980



50.0598, 54.4752, 102.4841



34.0328, 30.4473, 73.8960



13.5296, 14.3984, 17.4538



11.4980, 10.4656, 42.4624



0.8866, 0.9046, 2.9731

Inverse Universe

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



48.5048, 38.1581, 49.6103



61.4893, 45.0277, 60.2592



61.2640, 69.6599, 35.4176



13.9988, 13.8172, 15.7639



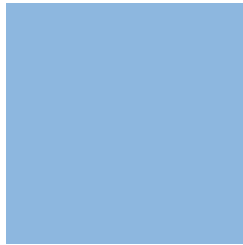
19.7439, 9.9646, 10.5829



1.4137, 0.7088, 0.9716

Previews

White Background



This preview shows how the XYZ color 41.2373, 44.8574, 76.2969 looks on a white background.

Color Contrast Check

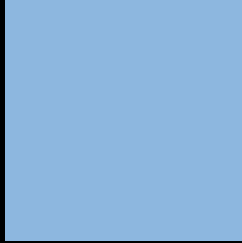
Large Text (above 18pt) WCAG AA × Fail

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 41.2373, 44.8574, 76.2969 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

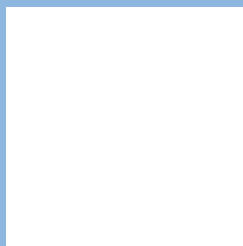
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2373, 44.8574, 76.2969

Background



This preview shows how black text looks on a background with the XYZ color 41.2373, 44.8574, 76.2969.



This preview shows how white text looks on a background with the XYZ color 41.2373, 44.8574,

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

41.2373, 44.8574, 76.2969

Protanopia

44.3287, 44.4375, 72.5706

Deuteranopia

45.7152, 44.7541, 77.4631



Tritanopia

38.5843, 45.0392, 62.5369

Trichromacy



Original Color

41.2373, 44.8574, 76.2969

Protanomaly

43.1389, 44.6766, 74.0599

Deuteranomaly

43.8721, 44.6962, 76.8359

Tritanomaly

39.6730, 45.1742, 67.6013

Monochromacy



Original Color

41.2373, 44.8574, 76.2969

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5391, 43.4331, 56.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2373, 44.8574, 76.2969 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(141, 183, 223)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 223)  
}
```

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(141, 183, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 223) }
```

Border

The CSS property to change the border of an element to XYZ 41.2373, 44.8574, 76.2969 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(141, 183, 223) }
```


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

```
.border{ border-color:rgb(141, 183, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 183, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 223);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2373, 44.8574, 76.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 223) }
```

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

```
.background{ background-color: rgb(141,  
183, 223) }
```

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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