

Converting Colors

XYZ(41.4590, 41.2349, 72.7918)

Have a look what the booklet for
XYZ(41.4590, 41.2349, 72.7918)
contains.

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Color

**XYZ(41.4590, 41.2349,
72.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAADB
RGB	159, 170, 219
RGB Percent	62%, 67%, 86%
CMY	0.3765, 0.3333, 0.1412
CMYK	0.27, 0.22, 0.00, 0.14
HSL	229°, 45%, 74%
HSV	229°, 27%, 86%
XYZ	41.4590, 41.2349, 72.7918
YIQ	172.2970, -22.2850, 12.9070

Conversions

Conversions Part 2

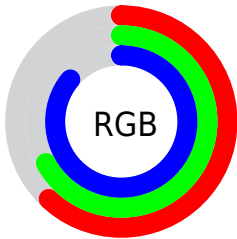
Format	Color
R _Y B	159, 168, 219
Decimal	10463963
CIE Lab	70.34, 7.04, -26.02
CIE LCh	70, 26.952, 285.141
Yxy	41.2349, 0.2666, 0.2652
Android (android.graphics.Color)	4288654043 (0xFF9FAADB)
YUV	172.2970, 23.0246, -11.6615
Hunter-Lab	64.2144, 2.8704, -22.2595

Details

The XYZ color **41.4590, 41.2349, 72.7918** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.0279, 62.6754, 41.8413**, and the grayscale version is **39.2593, 41.3038, 44.9799**.

A 20% lighter version of the original color is **72.9995, 75.5175, 105.3366**, and **19.1231, 18.7014, 37.7238** is the 20% darker color. If you saturate the color by 10%, you get **34.3672, 32.9367, 71.5646**, and if you desaturate by 10%, it is **49.7790, 50.8453, 74.2090**.

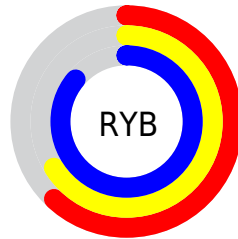
Distribution



Red (62%)

Green (67%)

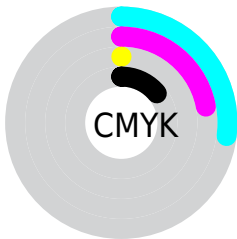
Blue (86%)



Red (62%)

Yellow (66%)

Blue (86%)

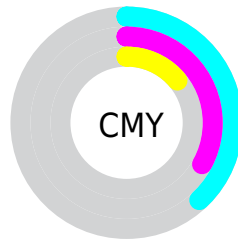


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4590, 41.2349, 72.7918 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 41.4590, 41.2349, 72.7918 by changing the saturation by 10% instead.

■ 41.4590, 41.2349,
72.7918

■ 41.4590, 41.2349,
72.7918

343.2653,
351.3014, 489.3443

■ 28.8672, 28.5027,
53.3150

■ 76.6505, 77.0404,
124.8998

■ 19.1241, 18.7049,
37.6648

■ 99.9809, 100.8824,
158.3680

■ 11.8645, 11.4573,
25.4228

127.6215,
129.1964, 197.3371

■ 6.7231, 6.3753,
16.1705

159.9376,
162.3670, 242.2255

■ 3.3343, 3.0746,
9.4892

197.2948,
200.7783, 293.4520

■ 1.3329, 1.1708,
4.9605

240.0582,

■ 0.2076, 0.0377,

244.8149, 351.4349

2.1658

288.5932,
294.8612, 416.5928

■ 0.0000, 0.0000,
0.6545

■ 0.0000, 0.0000,
0.0000

■ 41.4590, 41.2349,
72.7918

■ 41.4590, 41.2349,
72.7918

■ 34.3672, 32.9367,
71.5646

■ 49.7790, 50.8453,
74.2090

■ 28.4407, 25.8881,
70.5164

■ 59.3780, 61.8167,
75.8208

■ 23.6170, 20.0290,
69.6397

■ 70.3089, 74.2018,
77.6352

■ 19.8258, 15.2920,
68.9252

■ 82.6203, 88.0487,
79.6590

■ 16.9886, 11.6027,
68.3626

■ 89.7863, 97.8945,
81.1818

■ 15.0151, 8.8772,
67.9406

■ 13.7889, 7.0137,
67.6455

■ 13.5503, 6.6425,
67.5865

Harmonies

Analogous

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



37.0492, 41.2349, 72.8347



41.4590, 41.2349, 72.7918



45.5436, 41.2349, 64.3897

Triad

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



41.4590, 41.2349, 72.7918



45.5109, 41.2349, 29.7350



31.5248, 41.2349, 38.9299

Complementary

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



41.4590, 41.2349, 72.7918



58.0279, 62.6754, 41.8413

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.



33.4612, 41.2349, 29.7995



41.4590, 41.2349, 72.7918



41.4170, 41.2349, 25.2108

Square

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



41.4590, 41.2349, 72.7918



48.0001, 41.2349, 38.8245



37.0102, 41.2349, 25.2320



31.5342, 41.2349, 51.5735

Rectangle

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



41.4590, 41.2349, 72.7918



47.4376, 41.2349, 55.9498



37.0102, 41.2349, 25.2320



31.9629, 41.2349, 35.4064

Sweetspot

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



41.4603, 41.2365, 72.7927



82.8528, 86.1616, 106.8718



50.8930, 62.5398, 68.4214



17.2724, 17.9163, 22.7978



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.



41.4603, 41.2365, 72.7927



52.4297, 51.0966, 101.7070



43.3169, 39.2591, 72.3132



12.5309, 13.0014, 16.5012



8.0926, 4.0546, 40.0945



0.5825, 0.3792, 2.6169

Inverse Universe

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



48.8684, 42.7599, 43.7098



64.6672, 53.8862, 53.6028



55.6778, 65.5846, 42.5267



13.1531, 13.0903, 14.0673



17.5801, 9.0331, 2.1688



1.1683, 0.5970, 0.2953

Previews

White Background



This preview shows how the XYZ color 41.4590, 41.2349, 72.7918 looks on a white background.

Color Contrast Check

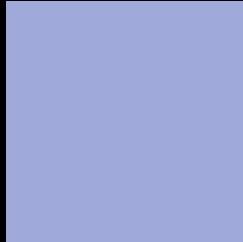
Large Text (above 18pt) WCAG AA × Fail

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 41.4590, 41.2349, 72.7918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

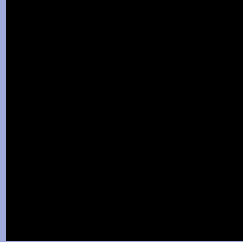
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4590, 41.2349, 72.7918

Background



This preview shows how black text looks on a background with the XYZ color 41.4590, 41.2349, 72.7918.



This preview shows how white text looks on a background with the XYZ color 41.4590, 41.2349,

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

41.4590, 41.2349, 72.7918

Protanopia

41.4590, 41.2349, 72.7918

Deuteranopia

42.2840, 41.3829, 72.7769



Tritanopia

37.6521, 41.1064, 54.0940

Trichromacy



Original Color

41.4590, 41.2349, 72.7918

Protanomaly

41.4590, 41.2349, 72.7918

Deuteranomaly

41.8744, 41.1718, 72.7578

Tritanomaly

38.8865, 41.0258, 60.5128

Monochromacy



Original Color

41.4590, 41.2349, 72.7918

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6846, 41.0154, 53.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4590, 41.2349, 72.7918 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(159, 170, 219)` looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 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(159, 170, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 219) }
```

Border

The CSS property to change the border of an element to XYZ 41.4590, 41.2349, 72.7918 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(159, 170, 219) }
```


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

```
.border{ border-color:rgb(159, 170, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 170, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 170, 219);  
box-shadow:4px 4px 4px 4px rgb(159, 170,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4590, 41.2349, 72.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 219) }
```

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

```
.background{ background-color: rgb(159,  
170, 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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