

Converting Colors

XYZ(41.6275, 41.8721, 72.9069)

Have a look what the booklet for
XYZ(41.6275, 41.8721, 72.9069)
contains.

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Color

**XYZ(41.6393, 41.8886,
72.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	9EACDB
RGB	158, 172, 219
RGB Percent	62%, 67%, 86%
CMY	0.3804, 0.3255, 0.1412
CMYK	0.28, 0.21, 0.00, 0.14
HSL	226°, 46%, 74%
HSV	226°, 28%, 86%
XYZ	41.6393, 41.8886, 72.9085
YIQ	173.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

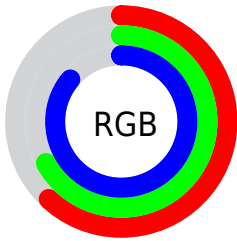
Format	Color
R _Y B	158, 169, 219
Decimal	10398939
CIE Lab	70.79, 5.63, -25.33
CIE LCh	71, 25.946, 282.538
Yxy	41.8886, 0.2662, 0.2678
Android (android.graphics.Color)	4288589019 (0xFF9EACDB)
YUV	173.1720, 22.5932, -13.3058
Hunter-Lab	64.7214, 1.5777, -21.4851

Details

The XYZ color **41.6393, 41.8886, 72.9085** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.2171, 61.1921, 41.1448**, and the grayscale version is **39.7062, 41.7740, 45.4919**.

A 20% lighter version of the original color is **73.2506, 76.4543, 105.5042**, and **19.2430, 19.1165, 37.7976** is the 20% darker color. If you saturate the color by 10%, you get **34.6994, 33.8433, 71.7221**, and if you desaturate by 10%, it is **49.7573, 51.1485, 74.2687**.

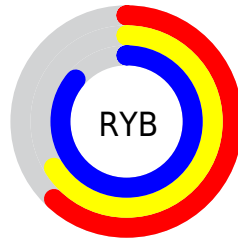
Distribution



Red (62%)

Green (67%)

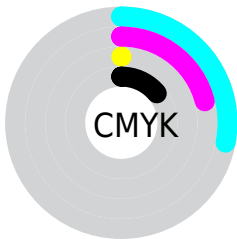
Blue (86%)



Red (62%)

Yellow (66%)

Blue (86%)

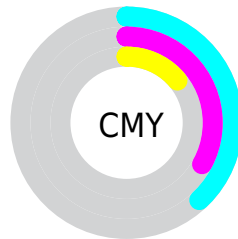


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6393, 41.8886, 72.9085 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 41.6393, 41.8886, 72.9085 by changing the saturation by 10% instead.

■ 41.6393, 41.8886,
72.9085

■ 41.6393, 41.8886,
72.9085

344.0026,
354.0209, 489.7599

■ 29.0088, 29.0141,
53.4098

■ 76.9220, 78.0310,
125.0670

■ 19.2318, 19.0915,
37.7400

■ 100.3050,
102.0677, 158.5639

■ 11.9429, 11.7364,
25.4807

128.0028,
130.5938, 197.5639

■ 6.7767, 6.5644,
16.2133

160.3809,
163.9939, 242.4856

■ 3.3679, 3.1912,
9.5192

197.8046,
202.6522, 293.7475

■ 1.3512, 1.2324,
4.9800

240.6392,

■ 0.2210, 0.0879,

246.9532, 351.7682

2.1770

289.2501,
297.2814, 416.9661

■ 0.0000, 0.0000,
0.6610

■ 0.0000, 0.0000,
0.0000

■ 41.6393, 41.8886,
72.9085

■ 41.6393, 41.8886,
72.9085

■ 34.6994, 33.8433,
71.7221

■ 49.7573, 51.1485,
74.2687

■ 28.8774, 26.9561,
70.6996

■ 59.1016, 61.6663,
75.8063

■ 24.1142, 21.1733,
69.8344

■ 69.7224, 73.4893,
77.5286

■ 20.3429, 16.4350,
69.1186

■ 81.6659, 86.6607,
79.4415

■ 17.4889, 12.6749,
68.5433

■ 89.7863, 97.8945,
81.1818

■ 15.4660, 9.8184,
68.0985

■ 14.1591, 7.7728,
67.7726

■ 13.9383, 7.4184,
67.7158

Harmonies

Analogous

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



37.3794, 41.8886, 72.1895



41.6393, 41.8886, 72.9085



45.6810, 41.8886, 65.4186

Triad

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



41.6393, 41.8886, 72.9085



46.2348, 41.8886, 31.3771



32.4231, 41.8886, 38.8544

Complementary

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



41.6393, 41.8886, 72.9085



57.2171, 61.1921, 41.1448

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.



34.4719, 41.8886, 30.2671



41.6393, 41.8886, 72.9085



42.3517, 41.8886, 26.5155

Square

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



41.6393, 41.8886, 72.9085



48.4598, 41.8886, 40.6510



38.0426, 41.8886, 26.1497



32.2627, 41.8886, 50.9558

Rectangle

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



41.6393, 41.8886, 72.9085



47.6257, 41.8886, 57.4484



38.0426, 41.8886, 26.1497



32.9066, 41.8886, 35.5203

Sweetspot

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



41.6407, 41.8903, 72.9095



83.1282, 86.7125, 106.9636



50.4244, 62.3296, 66.9842



17.3412, 18.0541, 22.8207



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.



41.6407, 41.8903, 72.9095



53.2609, 52.7591, 101.9841



42.5293, 38.5990, 72.2273



12.5800, 13.0997, 16.5176



8.3336, 4.5367, 40.1748



0.6056, 0.4253, 2.6246

Inverse Universe

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



48.8878, 42.4937, 44.6568



65.0868, 54.0541, 55.8122



56.0601, 65.7916, 42.0936



13.1779, 13.1002, 14.1978



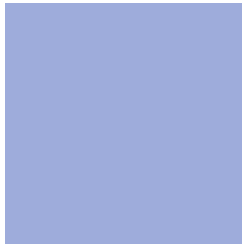
17.7018, 9.0817, 2.8095



1.1800, 0.6016, 0.3566

Previews

White Background



This preview shows how the XYZ color 41.6393, 41.8886, 72.9085 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 41.6393, 41.8886, 72.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

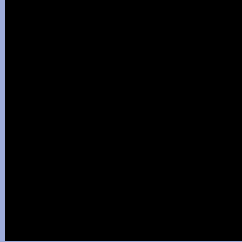
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6393, 41.8886, 72.9085

Background



This preview shows how black text looks on a background with the XYZ color 41.6393, 41.8886, 72.9085.



This preview shows how white text looks on a background with the XYZ color 41.6393, 41.8886,

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

41.6393, 41.8886, 72.9085

Protanopia

41.9157, 41.7648, 72.1819

Deuteranopia

42.8868, 41.9709, 72.8587



Tritanopia

38.0750, 41.8813, 55.3673

Trichromacy



Original Color

41.6393, 41.8886, 72.9085

Protanomaly

41.7150, 41.6614, 72.1725

Deuteranomaly

42.4533, 42.0268, 72.8923

Tritanomaly

39.1990, 41.7470, 61.2503

Monochromacy



Original Color

41.6393, 41.8886, 72.9085

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3863, 41.9297, 54.6798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6393, 41.8886, 72.9085 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(158, 172, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 172, 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(158, 172, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 172, 219) }
```

Border

The CSS property to change the border of an element to XYZ 41.6393, 41.8886, 72.9085 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(158, 172, 219) }
```


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

```
.border{ border-color:rgb(158, 172, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 172, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 172, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 172, 219);  
box-shadow:4px 4px 4px 4px rgb(158, 172,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6393, 41.8886, 72.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 172, 219) }
```

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

```
.background{ background-color: rgb(158,  
172, 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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