

Converting Colors

XYZ(40.5621, 40.2353, 71.9580)

Have a look what the booklet for
XYZ(40.5621, 40.2353, 71.9580)
contains.

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Color

**XYZ(40.5621, 40.2353,
71.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA8DA
RGB	157, 168, 218
RGB Percent	62%, 66%, 85%
CMY	0.3843, 0.3412, 0.1451
CMYK	0.28, 0.23, 0.00, 0.15
HSL	229°, 45%, 74%
HSV	229°, 28%, 85%
XYZ	40.5621, 40.2353, 71.9580
YIQ	170.4110, -22.6060, 13.2180

Conversions

Conversions Part 2

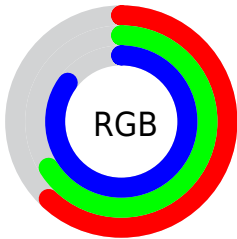
Format	Color
RYB	157, 166, 218
Decimal	10332378
CIELab	69.64, 7.32, -26.56
CIElCh	70, 27.549, 285.403
Yxy	40.2353, 0.2655, 0.2634
Android (android.graphics.Color)	4288522458 (0xFF9DA8DA)
YUV	170.4110, 23.4614, -11.7614
Hunter-Lab	63.4313, 3.1397, -22.8581

Details

The XYZ color **40.5621, 40.2353, 71.9580** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.3126, 61.9657, 40.8393**, and the grayscale version is **38.3092, 40.3042, 43.8913**.

A 20% lighter version of the original color is **71.8782, 74.1415, 105.1301**, and **18.5652, 18.0782, 37.1613** is the 20% darker color. If you saturate the color by 10%, you get **33.6072, 32.0855, 70.7522**, and if you desaturate by 10%, it is **48.7318, 49.6861, 73.3523**.

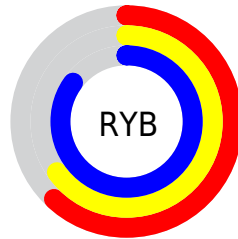
Distribution



Red (62%)

Green (66%)

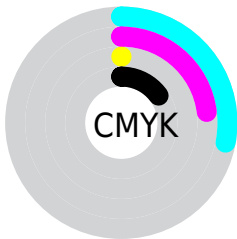
Blue (85%)



Red (62%)

Yellow (65%)

Blue (85%)

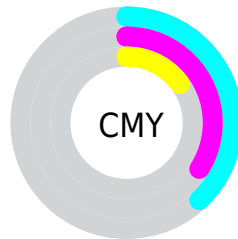


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5621, 40.2353, 71.9580 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 40.5621, 40.2353, 71.9580 by changing the saturation by 10% instead.

■ 40.5621, 40.2353,
71.9580

■ 40.5621, 40.2353,
71.9580

339.5810,
347.1143, 486.3690

■ 28.1632, 27.7221,
52.6377

■ 75.2976, 75.5217,
123.7040

■ 18.5898, 18.1162,
37.1279

■ 98.3650, 99.0636,
156.9668

■ 11.4765, 11.0335,
25.0100

125.7192,
127.0506, 195.7142

■ 6.4580, 6.0894,
15.8654

157.7257,
159.8669, 240.3647

■ 3.1688, 2.8995,
9.2756

194.7497,
197.8971, 291.3369

■ 1.2436, 1.0795,
4.8221

237.1567,

■ 0.1404, 0.0000,

241.5254, 349.0493

2.0864

285.3121,
291.1364, 413.9205

■ 0.0000, 0.0000,
0.6076

■ 0.0000, 0.0000,
0.0000

■ 40.5621, 40.2353,
71.9580

■ 40.5621, 40.2353,
71.9580

■ 33.6072, 32.0855,
70.7522

■ 48.7318, 49.6861,
73.3523

■ 27.8044, 25.1743,
69.7240

■ 58.1670, 60.4870,
74.9398

■ 23.0913, 19.4415,
68.8659

■ 68.9203, 72.6904,
76.7285

■ 19.3979, 14.8194,
68.1684

■ 81.0402, 86.3444,
78.7252

■ 16.6456, 11.2336,
67.6213

■ 89.6550, 97.8420,
80.4904

■ 14.7439, 8.5996,
67.2132

■ 13.5712, 6.8126,
66.9300

■ 13.3909, 6.5339,
66.8857

Harmonies

Analogous

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



36.1250, 40.2353, 72.0825



40.5621, 40.2353, 71.9580



44.6692, 40.2353, 63.3805

Triad

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



40.5621, 40.2353, 71.9580



44.5747, 40.2353, 28.5653



30.5405, 40.2353, 37.9156

Complementary

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



40.5621, 40.2353, 71.9580



57.3126, 61.9657, 40.8393

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.



32.4637, 40.2353, 28.7492



40.5621, 40.2353, 71.9580



40.4411, 40.2353, 24.1058

Square

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



40.5621, 40.2353, 71.9580



47.1054, 40.2353, 37.6135



36.0130, 40.2353, 24.1658



30.5674, 40.2353, 50.6509

Rectangle

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



40.5621, 40.2353, 71.9580



46.5681, 40.2353, 54.8293



36.0130, 40.2353, 24.1658



30.9734, 40.2353, 34.3748

Sweetspot

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



40.5634, 40.2369, 71.9589



82.8349, 86.1259, 106.8658



50.2170, 61.8078, 68.1982



17.2679, 17.9074, 22.7963



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.



40.5634, 40.2369, 71.9589



51.3896, 49.8322, 101.5178



42.6891, 38.4441, 71.5009



12.5277, 12.9951, 16.5002



8.0787, 4.0269, 40.0899



0.5810, 0.3762, 2.6164

Inverse Universe

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



48.0393, 41.8477, 42.5929



63.9431, 52.8342, 52.1401



54.6273, 64.6768, 41.5041



13.1515, 13.0897, 14.0588



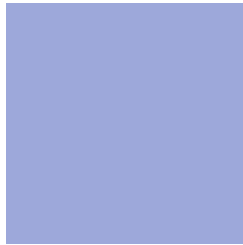
17.5731, 9.0303, 2.1320



1.1676, 0.5967, 0.2913

Previews

White Background



This preview shows how the XYZ color 40.5621, 40.2353, 71.9580 looks on a white background.

Color Contrast Check

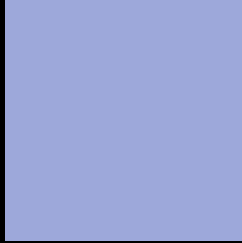
Large Text (above 18pt) WCAG AA × Fail

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 40.5621, 40.2353, 71.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

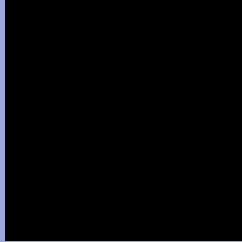
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5621, 40.2353, 71.9580

Background



This preview shows how black text looks on a background with the XYZ color 40.5621, 40.2353, 71.9580.



This preview shows how white text looks on a background with the XYZ color 40.5621, 40.2353,

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

40.5621, 40.2353, 71.9580

Protanopia

40.5621, 40.2353, 71.9580

Deuteranopia

41.1715, 40.2765, 71.9338



Tritanopia

36.8682, 40.4393, 52.8761

Trichromacy



Original Color

40.5621, 40.2353, 71.9580

Protanomaly

40.5621, 40.2353, 71.9580

Deuteranomaly

40.9708, 40.1730, 71.9244

Tritanomaly

38.0824, 40.3546, 59.2081

Monochromacy



Original Color

40.5621, 40.2353, 71.9580

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6747, 39.9631, 52.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5621, 40.2353, 71.9580 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, 168, 218)` looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 218)  
}
```

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, 168, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 218) }
```

Border

The CSS property to change the border of an element to XYZ 40.5621, 40.2353, 71.9580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

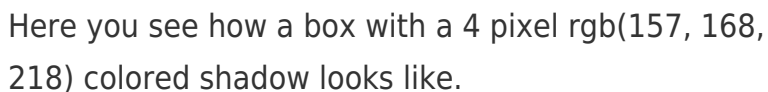
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 168, 218) }
```


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

```
.border{ border-color:rgb(157, 168, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 168, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 168, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 168, 218); box-shadow:4px 4px 4px 4px rgb(157, 168, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5621, 40.2353, 71.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 218) }
```

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

```
.background{ background-color: rgb(157,  
168, 218) }
```

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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