

Converting Colors

XYZ(43.9377, 39.9725, 85.7847)

Have a look what the booklet for
XYZ(43.9377, 39.9725, 85.7847)
contains.

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Color

**XYZ(43.9323, 40.0621,
85.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A2ED
RGB	166, 162, 237
RGB Percent	65%, 64%, 93%
CMY	0.3490, 0.3647, 0.0706
CMYK	0.30, 0.32, 0.00, 0.07
HSL	243°, 68%, 78%
HSV	243°, 32%, 93%
XYZ	43.9323, 40.0621, 85.5380
YIQ	171.7460, -21.6910, 24.1730

Conversions

Conversions Part 2

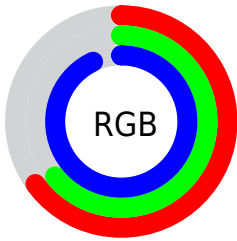
Format	Color
RYB	166, 162, 237
Decimal	10920685
CIELab	69.51, 18.00, -37.10
CIElCh	70, 41.239, 295.875
Yxy	40.0621, 0.2591, 0.2363
Android (android.graphics.Color)	4289110765 (0xFFA6A2ED)
YUV	171.7460, 32.1702, -5.0392
Hunter-Lab	63.2946, 13.1298, -35.8198

Details

The XYZ color **43.9323, 40.0621, 85.5380** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.4109, 80.5014, 46.0112**, and the grayscale version is **38.9360, 40.9638, 44.6095**.

A 20% lighter version of the original color is **73.2943, 72.5337, 104.7451**, and **20.5985, 17.9328, 46.0918** is the 20% darker color. If you saturate the color by 10%, you get **35.8444, 30.2690, 84.0747**, and if you desaturate by 10%, it is **53.6301, 51.8547, 87.3038**.

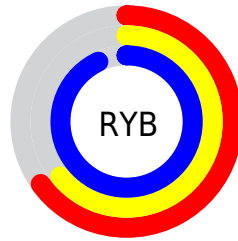
Distribution



Red (65%)

Green (64%)

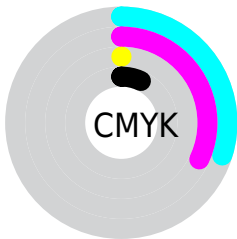
Blue (93%)



Red (65%)

Yellow (64%)

Blue (93%)

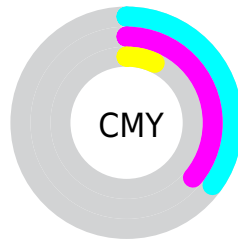


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (36%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9323, 40.0621, 85.5380 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 43.9323, 40.0621, 85.5380 by changing the saturation by 10% instead.

■ 43.9323, 40.0621,
85.5380

■ 43.9323, 40.0621,
85.5380

353.2888,
346.3852, 533.5975

■ 30.8150, 27.5870,
63.7333

■ 80.3628, 75.2581,
143.0054

■ 20.6091, 18.0145,
45.9899

■ 104.4068, 98.7477,
179.5052

■ 12.9494, 10.9604,
31.8892

132.8236,
126.6776, 221.7405

■ 7.4705, 6.0402,
21.0128

165.9787,
159.4322, 270.1298

■ 3.8070, 2.8696,
12.9420

204.2374,
197.3959, 325.0916

■ 1.5935, 1.0640,
7.2584

247.9651,

■ 0.3882, 0.0000,

240.9530, 387.0444

3.5433

297.5271,
290.4880, 456.4069

■ 0.0000, 0.0000,
1.3783

■ 0.0000, 0.0000,
0.1247

■ 43.9323, 40.0621,
85.5380

■ 43.9323, 40.0621,
85.5380

■ 35.8444, 30.2690,
84.0747

■ 53.6301, 51.8547,
87.3038

■ 29.2753, 22.3601,
82.8944

■ 65.0141, 65.7441,
89.3847

■ 24.1313, 16.2156,
81.9795

■ 78.1605, 81.8271,
91.7961

■ 20.3066, 11.7001,
81.3095

■ 92.2862, 98.8945,
94.3460

■ 17.6803, 8.6584,
80.8608

■ 16.1097, 6.9052,
80.6052

■ 15.4469, 6.1973,
80.5035

Harmonies

Analogous

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



37.1659, 40.0621, 91.2616



43.9323, 40.0621, 85.5380



49.6682, 40.0621, 67.5458

Triad

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



43.9323, 40.0621, 85.5380



45.7073, 40.0621, 19.7946



26.6998, 40.0621, 41.0406

Complementary

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



43.9323, 40.0621, 85.5380



70.4109, 80.5014, 46.0112

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.



28.4473, 40.0621, 26.1401



43.9323, 40.0621, 85.5380



39.0045, 40.0621, 16.3505

Square

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



43.9323, 40.0621, 85.5380



50.7737, 40.0621, 29.5173



32.7680, 40.0621, 18.2802



27.6971, 40.0621, 61.6242

Rectangle

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



43.9323, 40.0621, 85.5380



51.8656, 40.0621, 53.1768



32.7680, 40.0621, 18.2802



26.9796, 40.0621, 35.2842

Sweetspot

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



43.9337, 40.0637, 85.5389



80.6145, 82.3312, 106.2504



59.3972, 72.2162, 90.9300



16.7902, 17.0543, 22.6568



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.



43.9337, 40.0637, 85.5389



45.4532, 39.5227, 99.8407



52.9044, 44.6882, 85.9588



14.3055, 14.5873, 18.9839



8.4665, 3.4006, 43.9531



0.6911, 0.2806, 3.4526

Inverse Universe

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



62.5544, 49.7297, 83.3932



70.7129, 52.6394, 96.7377



59.5069, 74.8802, 45.5009



15.6781, 15.2991, 18.8561



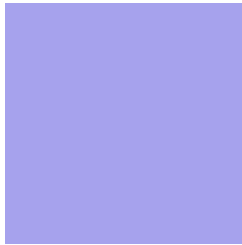
26.4561, 12.7851, 39.7985



2.0881, 1.0082, 3.1812

Previews

White Background



This preview shows how the XYZ color 43.9323, 40.0621, 85.5380 looks on a white background.

Color Contrast Check

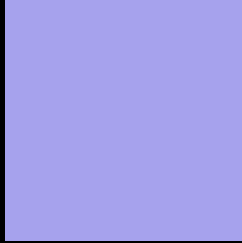
Large Text (above 18pt) WCAG AA × Fail

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 43.9323, 40.0621, 85.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

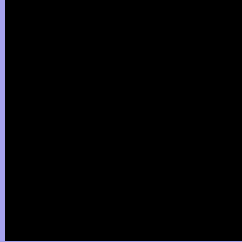
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9323, 40.0621, 85.5380

Background



This preview shows how black text looks on a background with the XYZ color 43.9323, 40.0621, 85.5380.



This preview shows how white text looks on a background with the XYZ color 43.9323, 40.0621,

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

43.9323, 40.0621, 85.5380

Protanopia

41.5500, 40.0993, 88.7691

Deuteranopia

41.3557, 40.3573, 84.9669



Tritanopia

37.1330, 40.0188, 52.2217

Trichromacy



Original Color

43.9323, 40.0621, 85.5380

Protanomaly

42.3202, 39.9738, 87.9233

Deuteranomaly

42.2941, 40.2971, 84.9059

Tritanomaly

39.3202, 39.7840, 63.3643

Monochromacy



Original Color

43.9323, 40.0621, 85.5380

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5440, 40.5368, 57.9120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9323, 40.0621, 85.5380 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(166, 162, 237)` looks like.

```
.text, #text, p{  
    color:rgb(166, 162, 237)  
}
```

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(166, 162, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 162, 237) }
```

Border

The CSS property to change the border of an element to XYZ 43.9323, 40.0621, 85.5380 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(166, 162, 237) }
```


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

```
.border{ border-color:rgb(166, 162, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 162, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 162, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 162, 237);  
box-shadow:4px 4px 4px 4px rgb(166, 162,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9323, 40.0621, 85.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 162, 237) }
```

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

```
.background{ background-color: rgb(166,  
162, 237) }
```

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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