

Converting Colors

XYZ(45.0927, 39.6126, 76.0754)

Have a look what the booklet for
XYZ(45.0927, 39.6126, 76.0754)
contains.

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Color

**XYZ(45.0400, 39.5630,
75.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	B79DE0
RGB	183, 157, 224
RGB Percent	72%, 62%, 88%
CMY	0.2823, 0.3843, 0.1216
CMYK	0.18, 0.30, 0.00, 0.12
HSL	263°, 52%, 75%
HSV	263°, 30%, 88%
XYZ	45.0400, 39.5630, 75.7836
YIQ	172.4120, -6.0110, 26.3490

Conversions

Conversions Part 2

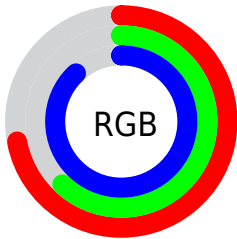
Format	Color
RYB	183, 157, 224
Decimal	12033504
CIELab	69.16, 22.76, -30.42
CIELCh	69, 37.990, 306.799
Yxy	39.5630, 0.2808, 0.2467
Android (android.graphics.Color)	4290223584 (0xFFB79DE0)
YUV	172.4120, 25.4329, 9.2857
Hunter-Lab	62.8991, 17.7445, -27.4058

Details

The XYZ color **45.0400, 39.5630, 75.7836** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0312, 67.7523, 42.0242**, and the grayscale version is **39.2997, 41.3464, 45.0262**.

A 20% lighter version of the original color is **77.5287, 72.8322, 104.5796**, and **21.2663, 17.6349, 39.8191** is the 20% darker color. If you saturate the color by 10%, you get **38.4890, 31.0671, 74.4896**, and if you desaturate by 10%, it is **52.6059, 49.6153, 77.3258**.

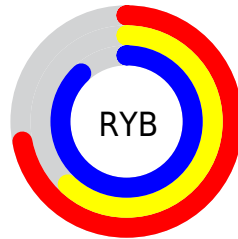
Distribution



Red (72%)

Green (62%)

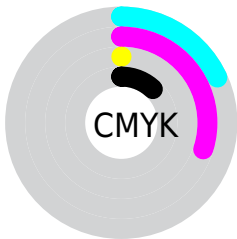
Blue (88%)



Red (72%)

Yellow (62%)

Blue (88%)

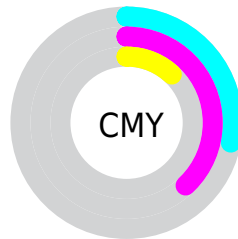


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0400, 39.5630, 75.7836 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 45.0400, 39.5630, 75.7836 by changing the saturation by 10% instead.

■ 45.0400, 39.5630,
75.7836

■ 45.0400, 39.5630,
75.7836

357.7165,
344.2782, 499.9337

■ 31.6903, 27.1980,
55.7495

■ 82.0171, 74.4976,
129.1782

■ 21.2795, 17.7220,
39.5995

■ 106.3753, 97.8360,
163.3759

■ 13.4421, 10.7506,
26.9150

135.1337,
125.6009, 203.1317

■ 7.8128, 5.8994,
17.2775

168.6577,
158.1769, 248.8644

■ 4.0262, 2.7840,
10.2685

207.3126,
195.9482, 300.9924

■ 1.7169, 1.0200,
5.4694

251.4638,

■ 0.4668, 0.0000,

239.2992, 359.9342

2.4617

301.4767,
288.6145, 426.1085

■ 0.0000, 0.0000,
0.8198

■ 0.0000, 0.0000,
0.0000

■ 45.0400, 39.5630,
75.7836

■ 45.0400, 39.5630,
75.7836

■ 38.4890, 31.0671,
74.4896

■ 52.6059, 49.6153,
77.3258

■ 32.9020, 24.0420,
73.4281

■ 61.2266, 61.2939,
79.1256

■ 28.2290, 18.4012,
72.5857

■ 70.9444, 74.6701,
81.1953

■ 24.4140, 14.0469,
71.9463

■ 81.7982, 89.8096,
83.5455

■ 21.3933, 10.8676,
71.4918

■ 89.1932, 97.5115,
84.6423

■ 19.0930, 8.7317,
71.2008

■ 90.4547, 98.1619,
84.7014

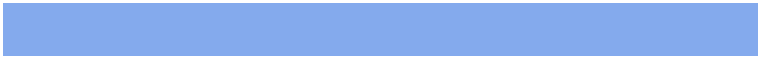
■ 17.3921, 7.4149,
71.0363

■ 17.3783, 7.4046,
71.0350

Harmonies

Analogous

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



39.0028, 39.5630, 85.5423



45.0400, 39.5630, 75.7836



49.3883, 39.5630, 57.6389

Triad

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



45.0400, 39.5630, 75.7836



42.3932, 39.5630, 19.0729



27.1605, 39.5630, 47.1589

Complementary

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



45.0400, 39.5630, 75.7836



56.0312, 67.7523, 42.0242

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.



27.8604, 39.5630, 31.2014



45.0400, 39.5630, 75.7836



36.2380, 39.5630, 17.6743

Square

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



45.0400, 39.5630, 75.7836



47.7489, 39.5630, 25.9913



31.0341, 39.5630, 21.4663



29.0076, 39.5630, 66.3726

Rectangle

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



45.0400, 39.5630, 75.7836



50.5072, 39.5630, 44.9714



31.0341, 39.5630, 21.4663



27.1090, 39.5630, 41.2373

Sweetspot

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



45.0413, 39.5646, 75.7845



83.1813, 83.6544, 106.3705



47.6270, 53.0843, 78.2578



17.4181, 17.3780, 22.6862



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.



45.0413, 39.5646, 75.7845



54.6893, 45.6035, 100.5277



53.8857, 44.1241, 76.1984



13.4525, 13.5013, 17.2847



10.2350, 4.3716, 41.3527



0.8075, 0.3536, 2.8709

Inverse Universe

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



52.9916, 44.0399, 59.1348



67.2085, 52.6598, 73.8997



48.2216, 63.7263, 41.6587



14.0579, 13.8408, 16.0750



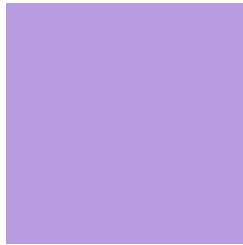
20.5825, 10.3000, 14.9989



1.4701, 0.7313, 1.2686

Previews

White Background



This preview shows how the XYZ color 45.0400, 39.5630, 75.7836 looks on a white background.

Color Contrast Check

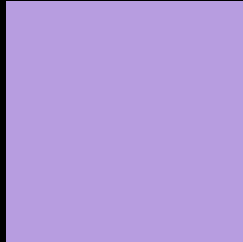
Large Text (above 18pt) WCAG AA × Fail

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 45.0400, 39.5630, 75.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

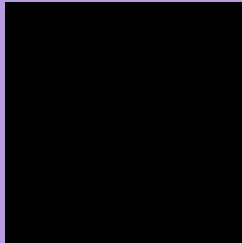
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0400, 39.5630, 75.7836

Background



This preview shows how black text looks on a background with the XYZ color 45.0400, 39.5630, 75.7836.



This preview shows how white text looks on a background with the XYZ color 45.0400, 39.5630,

75.7836.

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

45.0400, 39.5630, 75.7836

Protanopia

40.8202, 39.8910, 81.1496

Deuteranopia

40.5313, 39.6143, 74.6173



Tritanopia

39.4521, 39.6411, 48.2200

Trichromacy



Original Color

45.0400, 39.5630, 75.7836

Protanomaly

42.0011, 39.4772, 78.8050

Deuteranomaly

42.1424, 39.6291, 75.2401

Tritanomaly

41.3076, 39.5995, 57.0961

Monochromacy



Original Color

45.0400, 39.5630, 75.7836

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.1272, 40.6291, 54.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0400, 39.5630, 75.7836 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(183, 157, 224)` looks like.

```
.text, #text, p{  
    color:rgb(183, 157, 224)  
}
```

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(183, 157, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 157, 224) }
```

Border

The CSS property to change the border of an element to XYZ 45.0400, 39.5630, 75.7836 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(183, 157, 224) }
```


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

```
.border{ border-color:rgb(183, 157, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 157, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 157, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 157, 224);  
box-shadow:4px 4px 4px 4px rgb(183, 157,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0400, 39.5630, 75.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 157, 224) }
```

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

```
.background{ background-color: rgb(183,  
157, 224) }
```

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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