

Converting Colors

XYZ(45.3099, 39.3020, 76.6992)

Have a look what the booklet for
XYZ(45.3099, 39.3020, 76.6992)
contains.

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Color

**XYZ(45.0791, 39.0693,
76.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	B89BE1
RGB	184, 155, 225
RGB Percent	72%, 61%, 88%
CMY	0.2784, 0.3921, 0.1176
CMYK	0.18, 0.31, 0.00, 0.12
HSL	265°, 54%, 75%
HSV	265°, 31%, 88%
XYZ	45.0791, 39.0693, 76.3994
YIQ	171.6510, -5.1860, 27.9180

Conversions

Conversions Part 2

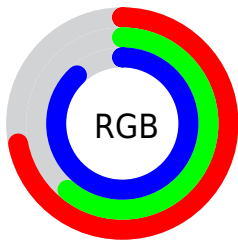
Format	Color
RYB	184, 155, 225
Decimal	12098529
CIELab	68.80, 24.40, -31.51
CIELCh	69, 39.856, 307.754
Yxy	39.0693, 0.2808, 0.2433
Android (android.graphics.Color)	4290288609 (0xFFB89BE1)
YUV	171.6510, 26.3011, 10.8301
Hunter-Lab	62.5054, 19.3502, -28.7154

Details

The XYZ color **45.0791, 39.0693, 76.3994** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6078, 67.9538, 41.1976**, and the grayscale version is **38.9109, 40.9373, 44.5807**.

A 20% lighter version of the original color is **77.3722, 72.0140, 104.4299**, and **21.3177, 17.5110, 39.7925** is the 20% darker color. If you saturate the color by 10%, you get **38.6666, 30.7139, 75.1253**, and if you desaturate by 10%, it is **52.4860, 48.9748, 77.9216**.

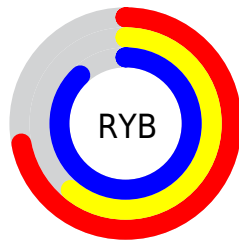
Distribution



Red (72%)

Green (61%)

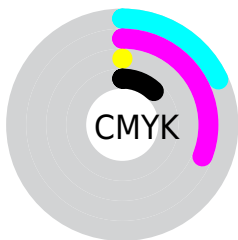
Blue (88%)



Red (72%)

Yellow (61%)

Blue (88%)

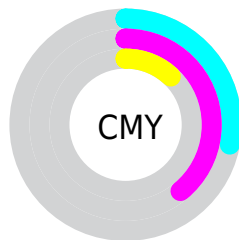


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (28%)


Magenta (39%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0791, 39.0693, 76.3994 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 45.0791, 39.0693, 76.3994 by changing the saturation by 10% instead.


 45.0791, 39.0693,
76.3994

 45.0791, 39.0693,
76.3994


357.8721,
342.1850, 502.0970

 31.7213, 26.8136,
56.2515


 82.0754, 73.7442,
130.0566

 21.3032, 17.4333,
39.9992


 106.4447, 96.9322,
164.4029

 13.4595, 10.5439,
27.2242

135.2150,
124.5331, 204.3191

 7.8249, 5.7611,
17.5077

168.7520,
156.9313, 250.2237

 4.0340, 2.7003,
10.4314

207.4208,
194.5112, 302.5352

 1.7214, 0.9774,
5.5766

251.5869,

 0.4696, 0.0000,

237.6572, 361.6723

2.5248

301.6155,
286.7537, 428.0534

■ 0.0000, 0.0000,
0.8532

■ 0.0000, 0.0000,
0.0000

■ 45.0791, 39.0693,
76.3994

■ 45.0791, 39.0693,
76.3994

■ 38.6666, 30.7139,
75.1253

■ 52.4860, 48.9748,
77.9216

■ 33.1978, 23.8221,
74.0832

■ 60.9268, 60.5012,
79.7016

■ 28.6230, 18.3058,
73.2596

■ 70.4438, 73.7207,
81.7516

■ 24.8858, 14.0655,
72.6381

■ 81.0752, 88.6996,
84.0825

■ 21.9226, 10.9873,
72.2001

■ 88.7379, 97.2611,
85.3311

■ 19.6584, 8.9357,
71.9235

■ 90.5907, 98.2163,
85.4178

■ 18.1265, 7.7746,
71.7801

Harmonies

Analogous

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



38.7973, 39.0693, 87.1591



45.0791, 39.0693, 76.3994



49.5500, 39.0693, 57.1163

Triad

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



45.0791, 39.0693, 76.3994



41.9254, 39.0693, 17.7815



26.3517, 39.0693, 47.4081

Complementary

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



45.0791, 39.0693, 76.3994



55.6078, 67.9538, 41.1976

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.



26.9877, 39.0693, 30.6818



45.0791, 39.0693, 76.3994



35.5193, 39.0693, 16.5417

Square

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



45.0791, 39.0693, 76.3994



47.5901, 39.0693, 24.5971



30.1823, 39.0693, 20.5366



28.3343, 39.0693, 67.5926

Rectangle

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



45.0791, 39.0693, 76.3994



50.6425, 39.0693, 43.9179



30.1823, 39.0693, 20.5366



26.2708, 39.0693, 41.1909

Sweetspot

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



45.0804, 39.0709, 76.4003



83.3870, 83.7604, 106.3802



47.0758, 52.3387, 78.8561



17.4687, 17.4041, 22.6886



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.



45.0804, 39.0709, 76.4003



54.4831, 44.8308, 100.3894



54.2265, 43.7859, 76.8283



13.4873, 13.5192, 17.2863



10.5710, 4.5449, 41.3685



0.8328, 0.3666, 2.8721

Inverse Universe

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



52.7377, 43.4373, 57.8308



66.3072, 51.5809, 71.3680



47.7432, 63.8994, 40.8295



14.0423, 13.8345, 15.9928



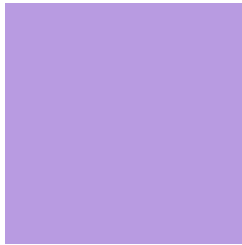
20.3443, 10.2047, 13.7446



1.4544, 0.7250, 1.1858

Previews

White Background



This preview shows how the XYZ color 45.0791, 39.0693, 76.3994 looks on a white background.

Color Contrast Check

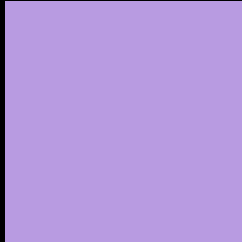
Large Text (above 18pt) WCAG AA × Fail

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 45.0791, 39.0693, 76.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

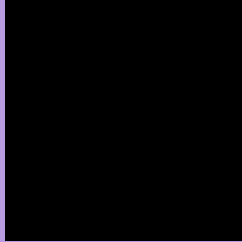
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0791, 39.0693, 76.3994

Background



This preview shows how black text looks on a background with the XYZ color 45.0791, 39.0693, 76.3994.



This preview shows how white text looks on a background with the XYZ color 45.0791, 39.0693,

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

45.0791, 39.0693, 76.3994

Protanopia

40.5569, 39.4515, 82.5681

Deuteranopia

40.1008, 39.1080, 75.2471



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

45.0791, 39.0693, 76.3994

Protanomaly

41.9012, 39.1309, 80.2075

Deuteranomaly

41.7165, 38.8709, 75.8251

Tritanomaly

41.0729, 38.9685, 56.3958

Monochromacy



Original Color

45.0791, 39.0693, 76.3994

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9447, 40.2641, 54.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0791, 39.0693, 76.3994 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(184, 155, 225)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 225)  
}
```

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(184, 155, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 225) }
```

Border

The CSS property to change the border of an element to XYZ 45.0791, 39.0693, 76.3994 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(184, 155, 225) }
```


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

```
.border{ border-color:rgb(184, 155, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 225);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0791, 39.0693, 76.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 225) }
```

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

```
.background{ background-color: rgb(184,  
155, 225) }
```

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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