

Converting Colors

XYZ(44.4621, 40.2094, 67.7051)

Have a look what the booklet for
XYZ(44.4621, 40.2094, 67.7051)
contains.

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Color

**XYZ(44.4621, 40.2094,
67.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A0D4
RGB	185, 160, 212
RGB Percent	73%, 63%, 83%
CMY	0.2745, 0.3725, 0.1686
CMYK	0.13, 0.25, 0.00, 0.17
HSL	269°, 38%, 73%
HSV	269°, 25%, 83%
XYZ	44.4621, 40.2094, 67.7051
YIQ	173.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

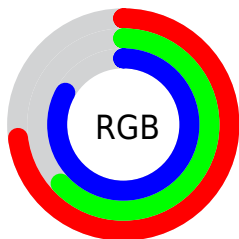
Format	Color
RYB	185, 160, 212
Decimal	12165332
CIELab	69.62, 19.09, -23.09
CIELCh	70, 29.961, 309.590
Yxy	40.2094, 0.2918, 0.2639
Android (android.graphics.Color)	4290355412 (0xFFB9A0D4)
YUV	173.4030, 19.0283, 10.1706
Hunter-Lab	63.4109, 14.1906, -18.9175

Details

The XYZ color **44.4621, 40.2094, 67.7051** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3834, 60.1908, 42.2221**, and the grayscale version is **39.8338, 41.9083, 45.6381**.

A 20% lighter version of the original color is **78.6261, 74.5216, 104.8478**, and **20.8084, 17.9847, 34.2730** is the 20% darker color. If you saturate the color by 10%, you get **38.5423, 32.1600, 66.4641**, and if you desaturate by 10%, it is **51.2168, 49.6214, 69.1664**.

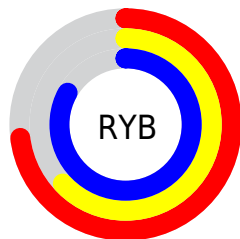
Distribution



Red (73%)

Green (63%)

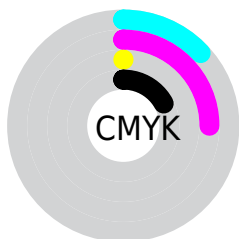
Blue (83%)



Red (73%)

Yellow (63%)

Blue (83%)

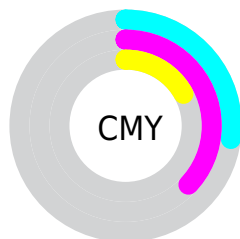


Cyan (13%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4621, 40.2094, 67.7051 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 44.4621, 40.2094, 67.7051 by changing the saturation by 10% instead.

■ 44.4621, 40.2094,
67.7051

■ 44.4621, 40.2094,
67.7051

355.4111,
347.0054, 471.0201

■ 31.2334, 27.7018,
49.1927

■ 81.1547, 75.4823,
117.5804

■ 20.9294, 18.1010,
34.4057

■ 105.3493, 99.0164,
149.7803

■ 13.1845, 11.0225,
22.9255

133.9300,
126.9948, 187.3798

■ 7.6336, 6.0820,
14.3337

167.2620,
159.8019, 230.7975

■ 3.9112, 2.8950,
8.2118

205.7108,
197.8222, 280.4518

■ 1.6520, 1.0772,
4.1410

249.6417,

■ 0.4260, 0.0000,

241.4399, 336.7613

1.7030

299.4200,
291.0395, 400.1446

■ 0.0000, 0.0000,
0.3628

■ 0.0000, 0.0000,
0.0000

■ 44.4621, 40.2094,
67.7051

■ 44.4621, 40.2094,
67.7051

■ 38.5423, 32.1600,
66.4641

■ 51.2168, 49.6214,
69.1664

■ 33.4171, 25.4024,
65.4298

■ 58.8364, 60.4525,
70.8554

■ 29.0484, 19.8664,
64.5915

■ 67.3544, 72.7618,
72.7824

■ 25.3932, 15.4735,
63.9363

■ 76.8009, 86.6036,
74.9563

■ 22.4033, 12.1350,
63.4495

■ 83.5931, 94.8061,
76.1815

■ 20.0237, 9.7491,
63.1143

■ 87.4453, 96.7920,
76.3618

■ 18.1884, 8.1917,
62.9105

■ 88.8838, 97.5335,
76.4291

■ 17.3544, 7.5737,
62.8351

Harmonies

Analogous

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



39.7897, 40.2094, 75.6780



44.4621, 40.2094, 67.7051



47.6223, 40.2094, 53.7512

Triad

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



44.4621, 40.2094, 67.7051



41.5567, 40.2094, 23.2480



29.7548, 40.2094, 48.3743

Complementary

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



44.4621, 40.2094, 67.7051



50.3834, 60.1908, 42.2221

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.



30.1409, 40.2094, 35.1272



44.4621, 40.2094, 67.7051



36.6879, 40.2094, 22.4053

Square

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



44.4621, 40.2094, 67.7051



45.8491, 40.2094, 28.8950



32.5874, 40.2094, 26.2836



31.4841, 40.2094, 63.0624

Rectangle

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



44.4621, 40.2094, 67.7051



48.3019, 40.2094, 43.9721



32.5874, 40.2094, 26.2836



29.6451, 40.2094, 43.5908

Sweetspot

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



44.4634, 40.2111, 67.7060



86.2896, 87.4196, 106.9335



44.3086, 48.0811, 69.2332



18.3147, 18.4904, 22.8537



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.



44.4634, 40.2111, 67.7060



63.0812, 54.9789, 101.8950



51.1099, 43.6375, 68.0170



12.3050, 12.2986, 15.6628



10.8281, 4.7346, 38.7963



0.7484, 0.3347, 2.3445

Inverse Universe

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



48.6931, 42.7282, 52.6963



70.6193, 59.4662, 75.0834



44.7362, 57.2795, 41.9578



12.6898, 12.5274, 14.3069



18.5530, 9.3575, 10.2162



1.1608, 0.5811, 0.8360

Previews

White Background



This preview shows how the XYZ color 44.4621, 40.2094, 67.7051 looks on a white background.

Color Contrast Check

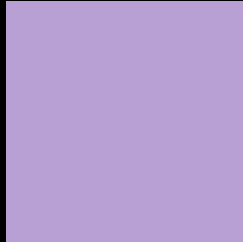
Large Text (above 18pt) WCAG AA × Fail

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 44.4621, 40.2094, 67.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

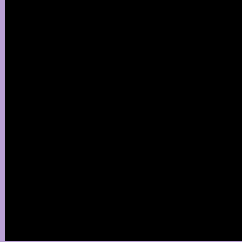
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4621, 40.2094, 67.7051

Background



This preview shows how black text looks on a background with the XYZ color 44.4621, 40.2094, 67.7051.



This preview shows how white text looks on a background with the XYZ color 44.4621, 40.2094,

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

44.4621, 40.2094, 67.7051

Protanopia

40.5621, 40.2353, 71.9580

Deuteranopia

41.3025, 40.4476, 67.2583



Tritanopia

40.5953, 40.2304, 48.2735

Trichromacy



Original Color

44.4621, 40.2094, 67.7051

Protanomaly

41.7862, 40.0836, 70.5003

Deuteranomaly

42.2669, 40.1383, 67.1478

Tritanomaly

41.9708, 40.2576, 54.8486

Monochromacy



Original Color

44.4621, 40.2094, 67.7051

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1037, 40.9402, 52.7496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4621, 40.2094, 67.7051 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(185, 160, 212)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 212)  
}
```

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(185, 160, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 212) }
```

Border

The CSS property to change the border of an element to XYZ 44.4621, 40.2094, 67.7051 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(185, 160, 212) }
```


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

```
.border{ border-color:rgb(185, 160, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 212);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4621, 40.2094, 67.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 212) }
```

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

```
.background{ background-color: rgb(185,  
160, 212) }
```

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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