

Converting Colors

XYZ(40.8711, 35.9415, 51.0071)

Have a look what the booklet for
XYZ(40.8711, 35.9415, 51.0071)
contains.

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Color

**XYZ(40.8456, 35.9872,
51.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	BE95BA
RGB	190, 149, 186
RGB Percent	75%, 58%, 73%
CMY	0.2549, 0.4157, 0.2706
CMYK	0.00, 0.22, 0.02, 0.25
HSL	306°, 24%, 66%
HSV	306°, 22%, 75%
XYZ	40.8456, 35.9872, 51.2478
YIQ	165.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

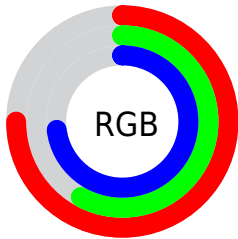
Format	Color
R _Y B	190, 149, 186
Decimal	12490170
CIE Lab	66.51, 21.67, -13.31
CIE LCh	67, 25.433, 328.432
Yxy	35.9872, 0.3189, 0.2810
Android (android.graphics.Color)	4290680250 (0xFFBE95BA)
YUV	165.4770, 10.1178, 21.5067
Hunter-Lab	59.9893, 16.5559, -8.6578

Details

The XYZ color **40.8456, 35.9872, 51.2478** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.5591, 45.5175, 36.9979**, and the grayscale version is **35.9428, 37.8146, 41.1802**.

A 20% lighter version of the original color is **75.7407, 68.8968, 93.3109**, and **18.7547, 15.6631, 24.2251** is the 20% darker color. If you saturate the color by 10%, you get **37.8859, 30.3805, 49.2954**, and if you desaturate by 10%, it is **44.3004, 42.5788, 53.3786**.

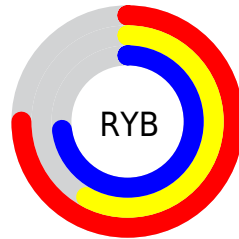
Distribution



Red (75%)

Green (58%)

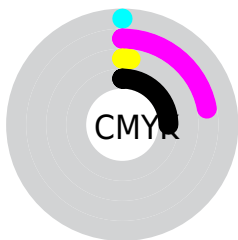
Blue (73%)



Red (75%)

Yellow (58%)

Blue (73%)

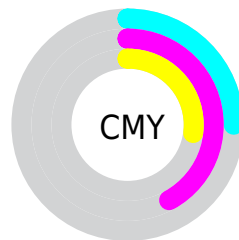


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8456, 35.9872, 51.2478 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 40.8456, 35.9872, 51.2478 by changing the saturation by 10% instead.


 40.8456, 35.9872,
51.2478


 40.8456, 35.9872,
51.2478


340.7485,
328.9046, 408.3998

 28.3856, 24.4243,
36.0278

 75.7256, 69.0123,
93.4362

 18.7585, 15.6487,
24.1658


 98.8764, 91.2433,
121.2417

 11.5989, 9.2759,
15.2433


126.3214,
117.7992, 154.0793

 6.5414, 4.9216,
8.8418

158.4261,
149.0642, 192.3677

 3.2207, 2.2013,
4.5427

195.5558,
185.4229, 236.5255

 1.2715, 0.7207,
1.9276

238.0759,

 0.1618, 0.0000,

227.2596, 286.9710

0.5102

286.3517,
274.9587, 344.1229

■ 0.0000, 0.0000,
0.0000

■ 40.8456, 35.9872,
51.2478

■ 40.8456, 35.9872,
51.2478

■ 37.8859, 30.3805,
49.2954

■ 44.3004, 42.5788,
53.3786

■ 35.3942, 25.7066,
47.5113

■ 48.2693, 50.1949,
55.6931

■ 33.3460, 21.9155,
45.8874

■ 52.7740, 58.8786,
58.1988

■ 31.7131, 18.9508,
44.4145

■ 57.8343, 68.6692,
60.9026

■ 30.4639, 16.7496,
43.0819

■ 63.4687, 79.6041,
63.8105

■ 29.5625, 15.2399,
41.8776

■ 67.0879, 86.5043,
66.0595

■ 28.9659, 14.3360,
40.7873

■ 67.3019, 86.5899,
67.1863

■ 28.6303, 13.9052,
39.9341

■ 67.5185, 86.6765,
68.3269

■ 67.7377, 86.7642,
69.4815

Harmonies

Analogous

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



37.8188, 35.9872, 60.7226



40.8456, 35.9872, 51.2478



42.0769, 35.9872, 39.7619

Triad

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



40.8456, 35.9872, 51.2478



34.4060, 35.9872, 21.7068



28.1491, 35.9872, 50.0656

Complementary

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



40.8456, 35.9872, 51.2478



36.5591, 45.5175, 36.9979

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.



27.3813, 35.9872, 38.6116



40.8456, 35.9872, 51.2478



30.8286, 35.9872, 23.4563

Square

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



40.8456, 35.9872, 51.2478



38.1920, 35.9872, 23.8672



28.3258, 35.9872, 29.1795



30.5052, 35.9872, 59.9556

Rectangle

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



40.8456, 35.9872, 51.2478



41.6494, 35.9872, 32.9078



28.3258, 35.9872, 29.1795



27.7047, 35.9872, 46.2112

Sweetspot

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



40.8467, 35.9888, 51.2486



84.1009, 84.4859, 98.9846



33.0703, 31.9301, 53.1361



18.3632, 18.3516, 21.6752



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.8467, 35.9888, 51.2486



71.3112, 60.0763, 91.1150



38.8745, 35.1999, 40.8633



9.8887, 9.6798, 11.8031



19.0534, 9.2525, 26.6386



0.7581, 0.3671, 1.1055

Inverse Universe

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



40.8467, 35.9888, 51.2486



71.3112, 60.0763, 91.1150



38.3440, 46.2315, 46.3968



9.8887, 9.6798, 11.8031



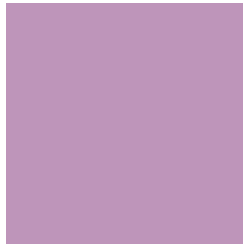
19.0534, 9.2525, 26.6386



0.7581, 0.3671, 1.1055

Previews

White Background



This preview shows how the XYZ color 40.8456, 35.9872, 51.2478 looks on a white background.

Color Contrast Check

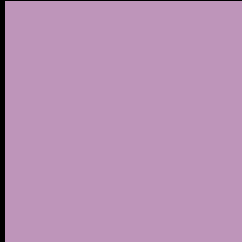
Large Text (above 18pt) WCAG AA × Fail

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 40.8456, 35.9872, 51.2478 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 40.8456, 35.9872, 51.2478

Background



This preview shows how black text looks on a background with the XYZ color 40.8456, 35.9872, 51.2478.



This preview shows how white text looks on a background with the XYZ color 40.8456, 35.9872,

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

40.8456, 35.9872, 51.2478

Protanopia

36.0000, 36.3533, 56.1584

Deuteranopia

36.8149, 36.1299, 50.3808



Tritanopia

38.6763, 36.0639, 40.5199

Trichromacy



Original Color

40.8456, 35.9872, 51.2478

Protanomaly

37.6094, 36.2004, 54.2954

Deuteranomaly

38.1575, 36.0594, 50.8480

Tritanomaly

39.5101, 36.1650, 44.4333

Monochromacy



Original Color

40.8456, 35.9872, 51.2478

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3965, 36.8121, 44.6696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8456, 35.9872, 51.2478 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(190, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 186)  
}
```

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(190, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.8456, 35.9872, 51.2478 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(190, 149, 186) }
```


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

```
.border{ border-color:rgb(190, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8456, 35.9872, 51.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 149, 186) }
```

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

```
.background{ background-color: rgb(190,  
149, 186) }
```

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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