

Converting Colors

XYZ(43.8345, 38.2076, 68.1733)

Have a look what the booklet for
XYZ(43.8345, 38.2076, 68.1733)
contains.

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Color

**XYZ(43.6512, 38.0257,
67.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	BA99D5
RGB	186, 153, 213
RGB Percent	73%, 60%, 84%
CMY	0.2706, 0.4000, 0.1647
CMYK	0.13, 0.28, 0.00, 0.16
HSL	273°, 42%, 72%
HSV	273°, 28%, 84%
XYZ	43.6512, 38.0257, 67.9898
YIQ	169.7070, 0.4080, 25.6560

Conversions

Conversions Part 2

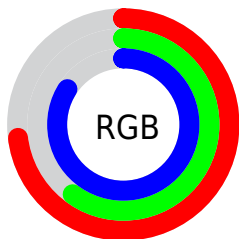
Format	Color
RYB	186, 153, 213
Decimal	12229077
CIELab	68.04, 23.53, -26.05
CIElCh	68, 35.100, 312.085
Yxy	38.0257, 0.2917, 0.2541
Android (android.graphics.Color)	4290419157 (0xFFBA99D5)
YUV	169.7070, 21.3434, 14.2890
Hunter-Lab	61.6650, 18.4423, -22.2057

Details

The XYZ color **43.6512, 38.0257, 67.9898** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3677, 59.5926, 39.0920**, and the grayscale version is **37.9608, 39.9378, 43.4922**.

A 20% lighter version of the original color is **77.5680, 71.3864, 104.2984**, and **20.4386, 16.8769, 34.5281** is the 20% darker color. If you saturate the color by 10%, you get **38.2204, 30.5053, 66.8250**, and if you desaturate by 10%, it is **49.8629, 46.8744, 69.3710**.

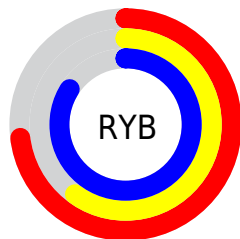
Distribution



Red (73%)

Green (60%)

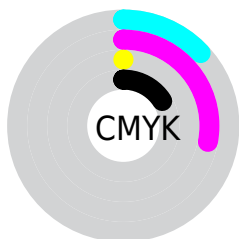
Blue (84%)



Red (73%)

Yellow (60%)

Blue (84%)

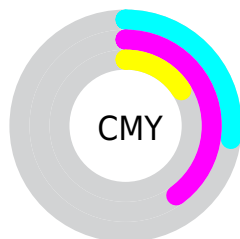


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (27%)


Magenta (40%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6512, 38.0257, 67.9898 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 43.6512, 38.0257, 67.9898 by changing the saturation by 10% instead.


 43.6512, 38.0257,
67.9898


 43.6512, 38.0257,
67.9898


352.1593,
337.7302, 472.0570

 30.5931, 26.0026,
49.4228


 79.9422, 72.1475,
117.9916

 20.4395, 16.8256,
34.5870


 103.9059, 95.0151,
150.2635

 12.8251, 10.1102,
23.0639


132.2355,
122.2663, 187.9408

 7.3844, 5.4721,
14.4350

165.2963,
154.2854, 231.4420

 3.7521, 2.5268,
8.2816

203.4537,
191.4570, 281.1857

 1.5628, 0.8900,
4.1853

247.0731,

 0.3680, 0.0000,

234.1654, 337.5904

1.7276

296.5199,
282.7950, 401.0746

■ 0.0000, 0.0000,
0.3795

■ 0.0000, 0.0000,
0.0000

■ 43.6512, 38.0257,
67.9898

■ 43.6512, 38.0257,
67.9898

■ 38.2204, 30.5053,
66.8250

■ 49.8629, 46.8744,
69.3710

■ 33.5308, 24.2405,
65.8630

■ 56.8855, 57.1093,
70.9764

■ 29.5442, 19.1591,
65.0923

■ 64.7517, 68.7909,
72.8166

■ 26.2172, 15.1790,
64.4994

■ 73.4912, 81.9744,
74.9006

■ 23.5010, 12.2075,
64.0690

■ 81.6783, 93.8043,
76.7525

■ 21.3385, 10.1355,
63.7831

■ 84.9098, 95.4702,
76.9037

■ 19.6476, 8.8042,
63.6152

■ 88.3141, 97.2252,
77.0631

■ 19.3666, 8.5964,
63.5899

■ 89.0104, 97.5841,
77.0956

Harmonies

Analogous

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



38.3868, 38.0257, 78.3460



43.6512, 38.0257, 67.9898



47.0893, 38.0257, 51.3661

Triad

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



43.6512, 38.0257, 67.9898



39.4714, 38.0257, 18.8653



26.8114, 38.0257, 48.0280

Complementary

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



43.6512, 38.0257, 67.9898



48.3677, 59.5926, 39.0920

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.



27.0387, 38.0257, 32.8204



43.6512, 38.0257, 67.9898



33.9870, 38.0257, 18.4001

Square

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



43.6512, 38.0257, 67.9898



44.5138, 38.0257, 24.3337



29.5480, 38.0257, 22.8467



28.8923, 38.0257, 65.0219

Rectangle

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



43.6512, 38.0257, 67.9898



47.6912, 38.0257, 40.3185



29.5480, 38.0257, 22.8467



26.6268, 38.0257, 42.5079

Sweetspot

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



43.6524, 38.0273, 67.9906



85.5868, 85.9681, 106.6903



41.6724, 44.6256, 69.3686



17.9581, 17.8702, 22.7527



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.



43.6524, 38.0273, 67.9906



60.4224, 49.9327, 101.0611



50.5907, 41.6333, 66.9983



12.3890, 12.3419, 15.6668



11.9491, 5.3125, 38.8488



0.8154, 0.3693, 2.3476

Inverse Universe

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



47.0712, 40.2255, 48.4650



66.5992, 53.8966, 66.1268



42.8488, 56.7283, 39.7034



12.6532, 12.5128, 14.1141



18.0974, 9.1753, 7.8168



1.1329, 0.5700, 0.6894

Previews

White Background



This preview shows how the XYZ color 43.6512, 38.0257, 67.9898 looks on a white background.

Color Contrast Check

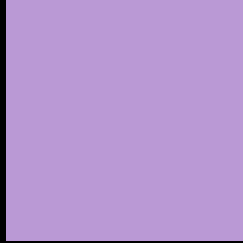
Large Text (above 18pt) WCAG AA × Fail

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 43.6512, 38.0257, 67.9898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

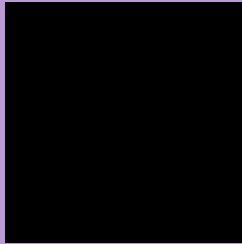
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6512, 38.0257, 67.9898

Background



This preview shows how black text looks on a background with the XYZ color 43.6512, 38.0257, 67.9898.



This preview shows how white text looks on a background with the XYZ color 43.6512, 38.0257,

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

43.6512, 38.0257, 67.9898

Protanopia

38.9043, 38.2554, 73.7402

Deuteranopia

38.9556, 38.1666, 66.9417



Tritanopia

39.1101, 38.2102, 44.8491

Trichromacy



Original Color

43.6512, 38.0257, 67.9898

Protanomaly

40.3300, 37.9901, 71.5369

Deuteranomaly

40.4303, 37.8746, 67.4670

Tritanomaly

40.5954, 38.0296, 52.7778

Monochromacy



Original Color

43.6512, 38.0257, 67.9898

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.0429, 39.3262, 51.9346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6512, 38.0257, 67.9898 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(186, 153, 213)` looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 213)  
}
```

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(186, 153, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 213) }
```

Border

The CSS property to change the border of an element to XYZ 43.6512, 38.0257, 67.9898 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(186, 153, 213) }
```


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

```
.border{ border-color:rgb(186, 153, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 213);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6512, 38.0257, 67.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 213) }
```

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

```
.background{ background-color: rgb(186,  
153, 213) }
```

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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