

Converting Colors

XYZ(39.0011, 35.8302, 52.2009)

Have a look what the booklet for
XYZ(39.0011, 35.8302, 52.2009)
contains.

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Color

**XYZ(38.8957, 35.6710,
52.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	B398BC
RGB	179, 152, 188
RGB Percent	70%, 60%, 74%
CMY	0.2980, 0.4039, 0.2627
CMYK	0.05, 0.19, 0.00, 0.26
HSL	285°, 21%, 67%
HSV	285°, 19%, 74%
XYZ	38.8957, 35.6710, 52.4121
YIQ	164.1770, 4.5360, 16.9200

Conversions

Conversions Part 2

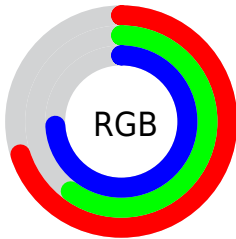
Format	Color
R_{YB}	179, 152, 188
Decimal	11770044
CIE _{Lab}	66.27, 16.61, -14.90
CIE _{LCh}	66, 22.316, 318.106
Yxy	35.6710, 0.3063, 0.2809
Android (android.graphics.Color)	4289960124 (0xFFB398BC)
YUV	164.1770, 11.7447, 12.9998
Hunter-Lab	59.7252, 11.7280, -10.2225

Details

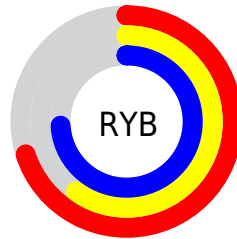
The XYZ color **38.8957, 35.6710, 52.4121** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.3499, 45.8114, 36.5287**, and the grayscale version is **35.3161, 37.1552, 40.4621**.

A 20% lighter version of the original color is **72.6614, 68.3364, 94.9485**, and **17.6310, 15.4923, 24.9827** is the 20% darker color. If you saturate the color by 10%, you get **35.0154, 29.4951, 51.4251**, and if you desaturate by 10%, it is **43.2989, 42.8363, 53.5636**.

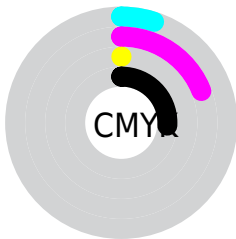
Distribution



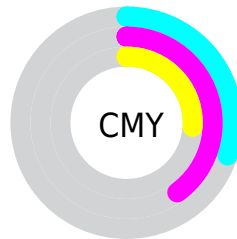
- Red (70%)
- Green (60%)
- Blue (74%)



- Red (70%)
- Yellow (60%)
- Blue (74%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)





- Cyan (30%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8957, 35.6710, 52.4121 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 38.8957, 35.6710, 52.4121 by changing the saturation by 10% instead.


 38.8957, 35.6710,
52.4121


 38.8957, 35.6710,
52.4121

332.6617,
327.5203, 413.0276

 26.8590, 24.1802,
36.9492


 72.7740, 68.5240,
95.1715

 17.6034, 15.4674,
24.8726


 95.3464, 90.6549,
123.3050

 10.7636, 9.1480,
15.7640


122.1612,
117.1014, 156.4991

 5.9742, 4.8379,
9.2048

153.5841,
148.2478, 195.1724

 2.8699, 2.1525,
4.7764

189.9801,
184.4785, 239.7433

 1.0853, 0.6939,
2.0602

231.7149,

 0.0128, 0.0000,

226.1778, 290.6305

0.5919

279.1536,
273.7303, 348.2524

■ 0.0000, 0.0000,
0.0000

■ 38.8957, 35.6710,
52.4121

■ 38.8957, 35.6710,
52.4121

■ 35.0154, 29.4951,
51.4251

■ 43.2989, 42.8363,
53.5636

■ 31.6315, 24.2584,
50.5927

■ 48.2432, 51.0291,
54.8844

■ 28.7204, 19.9132,
49.9074

■ 53.7501, 60.2909,
56.3819

■ 26.2546, 16.4054,
49.3603

■ 59.8389, 70.6599,
58.0623

■ 24.2042, 13.6755,
48.9414

■ 66.5277, 82.1720,
59.9319

■ 22.5348, 11.6555,
48.6395

■ 70.6260, 88.4455,
60.9268

■ 21.2063, 10.2656,
48.4412

■ 71.9607, 89.1335,
60.9892

■ 20.1471, 9.3635,
48.3229

■ 73.3347, 89.8419,
61.0535

■ 20.0614, 9.2934,
48.3139

■ 74.7485, 90.5707,
61.1197

Harmonies

Analogous

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



35.9326, 35.6710, 58.9995



38.8957, 35.6710, 52.4121



40.5614, 35.6710, 42.7418

Triad

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



38.8957, 35.6710, 52.4121



35.2407, 35.6710, 23.5212



28.1768, 35.6710, 44.8199

Complementary

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



38.8957, 35.6710, 52.4121



38.3499, 45.8114, 36.5287

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.



28.0184, 35.6710, 35.1825



38.8957, 35.6710, 52.4121



31.9536, 35.6710, 23.8911

Square

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



38.8957, 35.6710, 52.4121



38.3607, 35.6710, 26.7294



29.3591, 35.6710, 27.8393



29.8070, 35.6710, 54.1462

Rectangle

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



38.8957, 35.6710, 52.4121



40.6443, 35.6710, 36.3117



29.3591, 35.6710, 27.8393



27.9538, 35.6710, 41.4823

Sweetspot

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



38.8968, 35.6725, 52.4129



81.0982, 81.9596, 97.7717



34.8774, 36.0078, 52.6894



17.3176, 17.4234, 20.9929



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.8968, 35.6725, 52.4129



67.4060, 59.7020, 94.1972



40.1658, 36.4284, 47.8820



9.6907, 9.5729, 12.0092



13.7294, 6.3639, 32.8976



0.5943, 0.2784, 1.2913

Inverse Universe

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



38.4015, 35.7226, 38.5911



66.4044, 59.8467, 64.2850



37.3136, 45.1948, 40.1998



9.6254, 9.5745, 10.4163



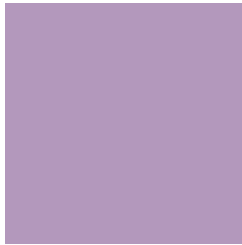
14.4952, 7.4292, 2.6356



0.5950, 0.3019, 0.2466

Previews

White Background



This preview shows how the XYZ color 38.8957, 35.6710, 52.4121 looks on a white background.

Color Contrast Check

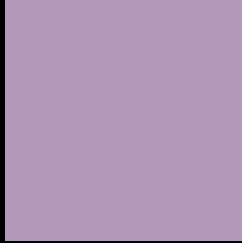
Large Text (above 18pt) WCAG AA × Fail

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 38.8957, 35.6710, 52.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

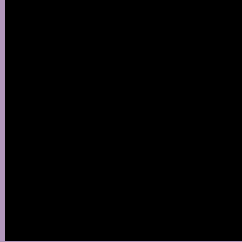
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8957, 35.6710, 52.4121

Background



This preview shows how black text looks on a background with the XYZ color 38.8957, 35.6710, 52.4121.



This preview shows how white text looks on a background with the XYZ color 38.8957, 35.6710,

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

38.8957, 35.6710, 52.4121

Protanopia

35.5229, 35.8619, 55.5019

Deuteranopia

36.5437, 35.7011, 51.9787



Tritanopia

36.8608, 35.8342, 42.0197

Trichromacy



Original Color

38.8957, 35.6710, 52.4121

Protanomaly

36.5652, 35.6621, 54.2465

Deuteranomaly

37.2685, 35.5766, 51.9164

Tritanomaly

37.5907, 35.8849, 45.5027

Monochromacy



Original Color

38.8957, 35.6710, 52.4121

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.4758, 36.5938, 44.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8957, 35.6710, 52.4121 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(179, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 188)  
}
```

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(179, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 188) }
```

Border

The CSS property to change the border of an element to XYZ 38.8957, 35.6710, 52.4121 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(179, 152, 188) }
```


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

```
.border{ border-color:rgb(179, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8957, 35.6710, 52.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 188) }
```

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

```
.background{ background-color: rgb(179,  
152, 188) }
```

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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