

Converting Colors

XYZ(44.4876, 38.0829, 60.9001)

Have a look what the booklet for
XYZ(44.4876, 38.0829, 60.9001)
contains.

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Color

**XYZ(44.4922, 38.1332,
60.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	C497CA
RGB	196, 151, 202
RGB Percent	77%, 59%, 79%
CMY	0.2314, 0.4078, 0.2078
CMYK	0.03, 0.25, 0.00, 0.21
HSL	293°, 32%, 69%
HSV	293°, 25%, 79%
XYZ	44.4922, 38.1332, 60.8926
YIQ	170.2690, 10.4490, 25.4010

Conversions

Conversions Part 2

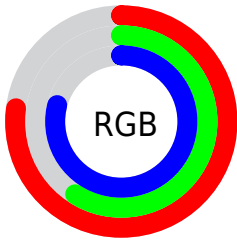
Format	Color
R_{YB}	196, 151, 202
Decimal	12883914
CIE _{Lab}	68.12, 25.65, -19.75
CIE _{LCh}	68, 32.367, 322.407
Yxy	38.1332, 0.3100, 0.2657
Android (android.graphics.Color)	4291073994 (0xFFC497CA)
YUV	170.2690, 15.6434, 22.5661
Hunter-Lab	61.7521, 20.5426, -15.2383

Details

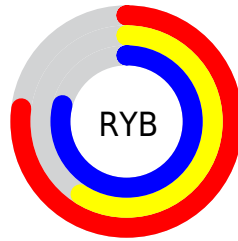
The XYZ color **44.4922, 38.1332, 60.8926** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.6124, 51.6445, 37.1079**, and the grayscale version is **38.2643, 40.2571, 43.8399**.

A 20% lighter version of the original color is **80.6293, 72.2453, 104.3028**, and **21.0578, 17.0032, 30.1891** is the 20% darker color. If you saturate the color by 10%, you get **40.9028, 31.8641, 59.8723**, and if you desaturate by 10%, it is **48.6508, 45.5246, 62.1007**.

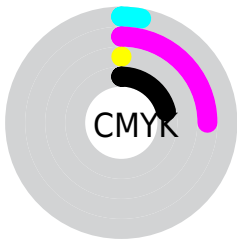
Distribution



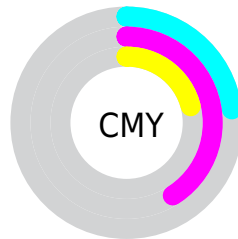
- Red (77%)
- Green (59%)
- Blue (79%)



- Red (77%)
- Yellow (59%)
- Blue (79%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)





- Cyan (23%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4922, 38.1332, 60.8926 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 44.4922, 38.1332, 60.8926 by changing the saturation by 10% instead.


 44.4922, 38.1332,
60.8926


 44.4922, 38.1332,
60.8926


355.5314,
338.1910, 445.7758

 31.2572, 26.0861,
43.7085

 81.1996, 72.3123,
107.6794

 20.9476, 16.8881,
30.1059


 105.4028, 95.2130,
138.1192

 13.1979, 10.1547,
19.6663

133.9927,
122.5004, 173.8147

 7.6429, 5.5017,
11.9710

167.3348,
154.5588, 215.1844

 3.9172, 2.5445,
6.6016

205.7944,
191.7727, 262.6468

 1.6554, 0.8988,
3.1396

249.7367,

 0.4281, 0.0000,

234.5264, 316.6204

1.1664

299.5273,
283.2044, 377.5239

■ 0.0000, 0.0000,
0.0000

■ 44.4922, 38.1332,
60.8926

■ 44.4922, 38.1332,
60.8926

■ 40.9028, 31.8641,
59.8723

■ 48.6508, 45.5246,
62.1007

■ 37.8505, 26.6556,
59.0278

■ 53.4013, 54.0861,
63.5028

■ 35.3056, 22.4474,
58.3497

■ 58.7698, 63.8687,
65.1081

■ 33.2340, 19.1715,
57.8266

■ 64.7794, 74.9190,
66.9243

■ 31.5972, 16.7509,
57.4456

■ 71.4524, 87.2811,
68.9587

■ 30.3508, 15.0967,
57.1920

■ 73.0733, 89.5242,
69.3062

■ 29.4402, 14.1002,
57.0477

■ 73.7561, 89.8762,
69.3382

■ 29.0752, 13.7573,
57.0007

■ 74.4490, 90.2334,
69.3706

■ 75.1520, 90.5958,
69.4035

Harmonies

Analogous

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



40.0716, 38.1332, 72.8871



44.4922, 38.1332, 60.8926



46.7421, 38.1332, 45.3033

Triad

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



44.4922, 38.1332, 60.8926



37.5423, 38.1332, 19.6120



27.9911, 38.1332, 53.0435

Complementary

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



44.4922, 38.1332, 60.8926



40.6124, 51.6445, 37.1079

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.



27.4495, 38.1332, 37.9545



44.4922, 38.1332, 60.8926



32.6691, 38.1332, 20.7587

Square

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



44.4922, 38.1332, 60.8926



42.4942, 38.1332, 23.1597



29.0847, 38.1332, 26.7662



30.6397, 38.1332, 67.6713

Rectangle

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



44.4922, 38.1332, 60.8926



46.5746, 38.1332, 35.8300



29.0847, 38.1332, 26.7662



27.5672, 38.1332, 47.7839

Sweetspot

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



44.4934, 38.1348, 60.8934



88.0065, 87.2155, 106.8036



35.6175, 35.2309, 60.8007



18.5699, 18.1855, 22.7814



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.



44.4934, 38.1348, 60.8934



72.0761, 58.8530, 102.1687



44.0034, 38.1228, 50.0040



11.5526, 11.3342, 14.1492



18.7586, 8.8779, 36.6812



1.0054, 0.4774, 1.8941

Inverse Universe

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



41.5108, 37.1257, 36.8781



66.2833, 56.9094, 54.7859



41.1117, 51.7123, 45.6978



11.2651, 11.2348, 11.9307



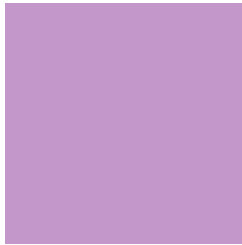
15.7954, 8.1287, 1.3752



0.8332, 0.4267, 0.1677

Previews

White Background



This preview shows how the XYZ color 44.4922, 38.1332, 60.8926 looks on a white background.

Color Contrast Check

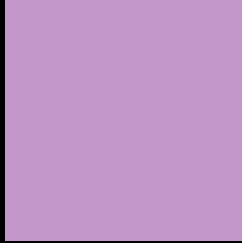
Large Text (above 18pt) WCAG AA × Fail

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 44.4922, 38.1332, 60.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

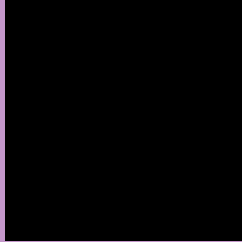
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4922, 38.1332, 60.8926

Background



This preview shows how black text looks on a background with the XYZ color 44.4922, 38.1332, 60.8926.



This preview shows how white text looks on a background with the XYZ color 44.4922, 38.1332,

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

44.4922, 38.1332, 60.8926

Protanopia

38.5394, 38.4834, 67.0248

Deuteranopia

39.2484, 38.4715, 60.0007



Tritanopia

40.7043, 38.0549, 42.7361

Trichromacy



Original Color

44.4922, 38.1332, 60.8926

Protanomaly

40.3182, 38.1307, 64.9095

Deuteranomaly

41.0722, 38.3604, 60.4979

Tritanomaly

42.0542, 38.1163, 48.8568

Monochromacy



Original Color

44.4922, 38.1332, 60.8926

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1311, 39.1555, 49.6986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4922, 38.1332, 60.8926 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(196, 151, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 202)  
}
```

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(196, 151, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 202) }
```

Border

The CSS property to change the border of an element to XYZ 44.4922, 38.1332, 60.8926 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(196, 151, 202) }
```


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

```
.border{ border-color:rgb(196, 151, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4922, 38.1332, 60.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 202) }
```

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

```
.background{ background-color: rgb(196,  
151, 202) }
```

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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