

Converting Colors

XYZ(45.1204, 40.9425, 54.4386)

Have a look what the booklet for
XYZ(45.1204, 40.9425, 54.4386)
contains.

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Color

**XYZ(44.8910, 40.7296,
54.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A0BE
RGB	197, 160, 190
RGB Percent	77%, 63%, 75%
CMY	0.2274, 0.3725, 0.2549
CMYK	0.00, 0.19, 0.04, 0.23
HSL	311°, 24%, 70%
HSV	311°, 19%, 77%
XYZ	44.8910, 40.7296, 54.2108
YIQ	174.4830, 12.4220, 17.1740

Conversions

Conversions Part 2

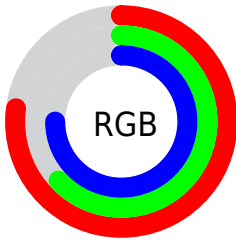
Format	Color
R _Y B	197, 160, 190
Decimal	12951742
CIE Lab	69.99, 18.75, -10.26
CIE LCh	70, 21.378, 331.308
Yxy	40.7296, 0.3210, 0.2913
Android (android.graphics.Color)	4291141822 (0xFFC5A0BE)
YUV	174.4830, 7.6499, 19.7474
Hunter-Lab	63.8197, 13.8729, -5.6892

Details

The XYZ color **44.8910, 40.7296, 54.2108** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4401, 50.1972, 44.0663**, and the grayscale version is **40.4389, 42.5449, 46.3314**.

A 20% lighter version of the original color is **81.8080, 76.3255, 97.6093**, and **21.2056, 18.3709, 26.0952** is the 20% darker color. If you saturate the color by 10%, you get **41.3409, 34.2725, 51.0434**, and if you desaturate by 10%, it is **48.9951, 48.2767, 57.6152**.

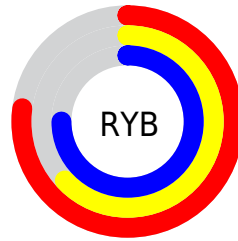
Distribution



Red (77%)

Green (63%)

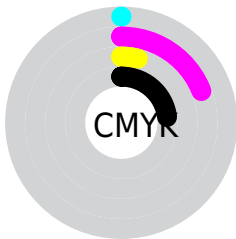
Blue (75%)



Red (77%)

Yellow (63%)

Blue (75%)

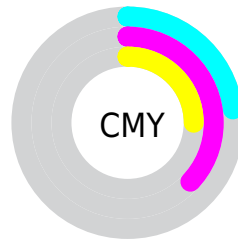


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8910, 40.7296, 54.2108 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 44.8910, 40.7296, 54.2108 by changing the saturation by 10% instead.


 44.8910, 40.7296,
54.2108


 44.8910, 40.7296,
54.2108


357.1231,
349.1892, 420.1107

 31.5725, 28.1079,
38.3759

 81.7949, 76.2732,
97.8432

 21.1891, 18.4070,
25.9705


 106.1110, 99.9639,
126.4778

 13.3756, 11.2426,
16.5760


134.8237,
128.1131, 160.2160

 7.7665, 6.2302,
9.7739

168.2983,
161.1051, 199.4764

 3.9964, 2.9856,
5.1457

206.9001,
199.3243, 244.6776

 1.7001, 1.1242,
2.2727

250.9947,

 0.4563, 0.0000,

243.1551, 296.2379

0.7159

300.9472,
292.9819, 354.5761

■ 0.0000, 0.0000,
0.0000

■ 44.8910, 40.7296,
54.2108

■ 44.8910, 40.7296,
54.2108

■ 41.3409, 34.2725,
51.0434

■ 48.9951, 48.2767,
57.6152

■ 38.3157, 28.8493,
48.1015

■ 53.6733, 56.9560,
61.2623

■ 35.7890, 24.4066,
45.3765

■ 58.9493, 66.8139,
65.1609

■ 33.7307, 20.8844,
42.8578

■ 64.8443, 77.8928,
69.3182

■ 32.1075, 18.2162,
40.5341

■ 70.2501, 87.9760,
73.3654

■ 30.8813, 16.3261,
38.3922

■ 70.7161, 88.1624,
75.8193

■ 30.0078, 15.1253,
36.4169

■ 71.1929, 88.3531,
78.3303

■ 29.4134, 14.4671,
34.5833

■ 71.6807, 88.5483,
80.8990

■ 29.3475, 14.3990,
34.3651

■ 72.1795, 88.7478,
83.5256

Harmonies

Analogous

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



42.2987, 40.7296, 62.8416



44.8910, 40.7296, 54.2108



45.8031, 40.7296, 43.9111

Triad

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



44.8910, 40.7296, 54.2108



38.5595, 40.7296, 27.7997



33.2662, 40.7296, 55.0827

Complementary

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



44.8910, 40.7296, 54.2108



41.4401, 50.1972, 44.0663

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.



32.3939, 40.7296, 44.7870



44.8910, 40.7296, 54.2108



35.3345, 40.7296, 29.8926

Square

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



44.8910, 40.7296, 54.2108



42.0183, 40.7296, 29.5572



33.1282, 40.7296, 35.7598



35.5844, 40.7296, 63.3958

Rectangle

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



44.8910, 40.7296, 54.2108



45.2946, 40.7296, 37.7350



33.1282, 40.7296, 35.7598



32.8007, 40.7296, 51.6909

Sweetspot

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



44.8922, 40.7314, 54.2117



89.8992, 90.4386, 104.9010



38.5412, 37.3668, 58.0051



19.1271, 19.1447, 22.3621



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.



44.8922, 40.7314, 54.2117



77.3734, 67.4237, 94.4468



43.0174, 39.9814, 44.3389



10.9937, 10.7809, 12.9502



19.3321, 9.4824, 22.7566



0.9382, 0.4581, 1.1978

Inverse Universe

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



44.8922, 40.7314, 54.2117



77.3734, 67.4237, 94.4468



43.2517, 50.9219, 53.6064



10.9937, 10.7809, 12.9502



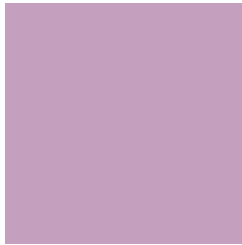
19.3321, 9.4824, 22.7566



0.9382, 0.4581, 1.1978

Previews

White Background



This preview shows how the XYZ color 44.8910, 40.7296, 54.2108 looks on a white background.

Color Contrast Check

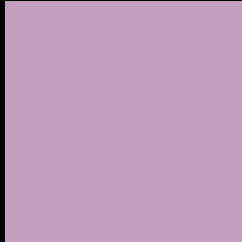
Large Text (above 18pt) WCAG AA × Fail

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 44.8910, 40.7296, 54.2108 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 44.8910, 40.7296, 54.2108

Background



This preview shows how black text looks on a background with the XYZ color 44.8910, 40.7296, 54.2108.



This preview shows how white text looks on a background with the XYZ color 44.8910, 40.7296,

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

44.8910, 40.7296, 54.2108

Protanopia

40.2749, 40.9505, 58.0061

Deuteranopia

41.8264, 41.0149, 53.8563



Tritanopia

43.3407, 40.8916, 46.1660

Trichromacy



Original Color

44.8910, 40.7296, 54.2108

Protanomaly

41.7339, 40.6325, 56.6822

Deuteranomaly

42.7105, 40.6641, 53.7420

Tritanomaly

43.9235, 40.8717, 48.7540

Monochromacy



Original Color

44.8910, 40.7296, 54.2108

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7176, 41.6163, 49.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8910, 40.7296, 54.2108 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(197, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 190)  
}
```

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(197, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.8910, 40.7296, 54.2108 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(197, 160, 190) }
```


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

```
.border{ border-color:rgb(197, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8910, 40.7296, 54.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 190) }
```

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

```
.background{ background-color: rgb(197,  
160, 190) }
```

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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