

Converting Colors

XYZ(44.8933, 44.0004, 55.5614)

Have a look what the booklet for
XYZ(44.8933, 44.0004, 55.5614)
contains.

XYZ(44.8955, 43.9580, 55.4087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.8955, 43.9580,
55.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	BCACBF
RGB	188, 172, 191
RGB Percent	74%, 67%, 75%
CMY	0.2627, 0.3255, 0.2510
CMYK	0.02, 0.10, 0.00, 0.25
HSL	291°, 13%, 71%
HSV	291°, 10%, 75%
XYZ	44.8955, 43.9580, 55.4087
YIQ	178.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

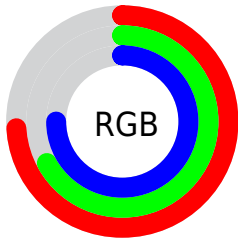
Format	Color
R_{YB}	188, 172, 191
Decimal	12364991
CIE _{Lab}	72.20, 9.22, -7.60
CIE _{LCh}	72, 11.953, 320.488
Yxy	43.9580, 0.3112, 0.3047
Android (android.graphics.Color)	4290555071 (0xFFBCACBF)
YUV	178.9500, 5.9407, 7.9369
Hunter-Lab	66.3008, 4.8445, -3.1391

Details

The XYZ color **44.8955, 43.9580, 55.4087** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7581, 49.3553, 46.2522**, and the grayscale version is **42.7903, 45.0187, 49.0253**.

A 20% lighter version of the original color is **81.5658, 80.8867, 99.3094**, and **21.2956, 20.4188, 26.8636** is the 20% darker color. If you saturate the color by 10%, you get **40.7836, 36.8252, 54.2493**, and if you desaturate by 10%, it is **49.5480, 52.1475, 56.7449**.

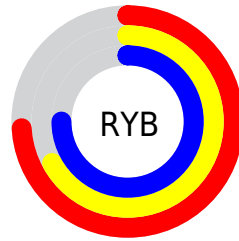
Distribution



Red (74%)

Green (67%)

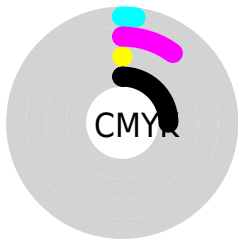
Blue (75%)



Red (74%)

Yellow (67%)

Blue (75%)

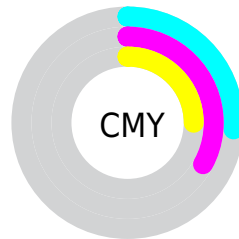


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8955, 43.9580, 55.4087 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 44.8955, 43.9580, 55.4087 by changing the saturation by 10% instead.

■ 44.8955, 43.9580,
55.4087

■ 44.8955, 43.9580,
55.4087

357.1410,
362.5369, 424.7848

■ 31.5760, 30.6375,
39.3282

■ 81.8016, 81.1545,
99.6167

■ 21.1919, 20.3230,
26.7054

106.1190,
105.7994, 128.5812

■ 13.3776, 12.6300,
17.1216

134.8330,
134.9877, 162.6776

■ 7.7678, 7.1743,
10.1583

168.3091,
169.1041, 202.3242

■ 3.9973, 3.5713,
5.3971

206.9126,
208.5328, 247.9397

■ 1.7006, 1.4368,
2.4193

251.0088,

■ 0.4567, 0.2436,

253.6582, 299.9426

0.7969

300.9632,
304.8648, 358.7515

■ 0.0000, 0.0000,
0.0000

■ 44.8955, 43.9580,
55.4087

■ 44.8955, 43.9580,
55.4087

■ 40.7836, 36.8252,
54.2493

■ 49.5480, 52.1475,
56.7449

■ 37.1861, 30.6990,
53.2564

■ 54.7581, 61.4298,
58.2619

■ 34.0805, 25.5337,
52.4231

■ 60.5469, 71.8462,
59.9674

■ 31.4409, 21.2779,
51.7408

■ 66.9333, 83.4342,
61.8675

■ 29.2392, 17.8753,
51.2001

■ 69.8152, 87.9898,
62.5949

■ 27.4440, 15.2633,
50.7905

■ 70.6452, 88.4176,
62.6338

■ 26.0195, 13.3706,
50.5003

■ 71.4912, 88.8538,
62.6734

■ 24.9236, 12.1131,
50.3153

■ 72.3534, 89.2982,
62.7137

■ 24.0739, 11.3258,
50.2081

■ 73.2319, 89.7511,
62.7548

Harmonies

Analogous

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



43.1754, 43.9580, 59.2329



44.8955, 43.9580, 55.4087



45.7893, 43.9580, 49.7522

Triad

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



44.8955, 43.9580, 55.4087



42.4354, 43.9580, 37.5721



38.1968, 43.9580, 51.9229

Complementary

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



44.8955, 43.9580, 55.4087



43.7581, 49.3553, 46.2522

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.



38.0133, 43.9580, 46.0219



44.8955, 43.9580, 55.4087



40.4165, 43.9580, 38.0496

Square

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



44.8955, 43.9580, 55.4087



44.3386, 43.9580, 39.6727



38.8135, 43.9580, 41.0351



39.3232, 43.9580, 57.1090

Rectangle

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



44.8955, 43.9580, 55.4087



45.7769, 43.9580, 45.8375



38.8135, 43.9580, 41.0351



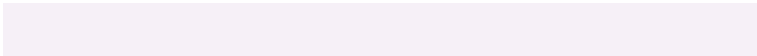
38.0243, 43.9580, 49.9469

Sweetspot

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



44.8968, 43.9599, 55.4097



86.0505, 88.6408, 100.8532



41.7815, 43.2592, 55.4386



18.7446, 19.1979, 22.1029



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.



44.8968, 43.9599, 55.4097



78.6738, 75.7025, 98.7446



44.9615, 44.0721, 51.8529



9.7780, 9.6179, 12.0133



15.8740, 7.4694, 32.9980



0.6622, 0.3134, 1.2944

Inverse Universe

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



43.9778, 43.6786, 46.6726



76.6992, 75.1016, 79.8108



43.7150, 49.2611, 49.5013



9.5900, 9.5603, 10.2298



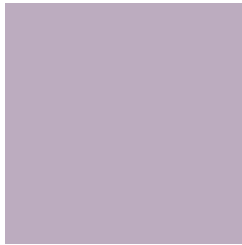
14.2953, 7.3493, 1.5830



0.5796, 0.2957, 0.1653

Previews

White Background



This preview shows how the XYZ color 44.8955, 43.9580, 55.4087 looks on a white background.

Color Contrast Check

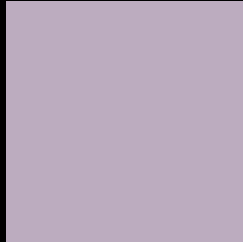
Large Text (above 18pt) WCAG AA × Fail

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 44.8955, 43.9580, 55.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

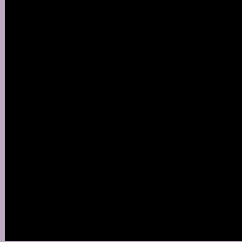
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8955, 43.9580, 55.4087

Background



This preview shows how black text looks on a background with the XYZ color 44.8955, 43.9580, 55.4087.



This preview shows how white text looks on a background with the XYZ color 44.8955, 43.9580,

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

44.8955, 43.9580, 55.4087

Protanopia

42.8302, 44.0149, 56.6904

Deuteranopia

44.8955, 43.9580, 55.4087



Tritanopia

44.3000, 43.9971, 52.6118

Trichromacy



Original Color

44.8955, 43.9580, 55.4087

Protanomaly

43.6668, 44.1690, 56.0932

Deuteranomaly

44.8955, 43.9580, 55.4087

Tritanomaly

44.5142, 44.0828, 53.7396

Monochromacy



Original Color

44.8955, 43.9580, 55.4087

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3640, 44.4146, 51.0871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8955, 43.9580, 55.4087 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(188, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 191)  
}
```

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(188, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.8955, 43.9580, 55.4087 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(188, 172, 191) }
```


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

```
.border{ border-color:rgb(188, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8955, 43.9580, 55.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 191) }
```

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

```
.background{ background-color: rgb(188,  
172, 191) }
```

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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