

Converting Colors

XYZ(43.3596, 37.9088, 55.4839)

Have a look what the booklet for
XYZ(43.3596, 37.9088, 55.4839)
contains.

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Color

**XYZ(43.3596, 37.9088,
55.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	C398C1
RGB	195, 152, 193
RGB Percent	76%, 60%, 76%
CMY	0.2353, 0.4039, 0.2431
CMYK	0.00, 0.22, 0.01, 0.24
HSL	303°, 26%, 68%
HSV	303°, 22%, 76%
XYZ	43.3596, 37.9088, 55.4839
YIQ	169.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

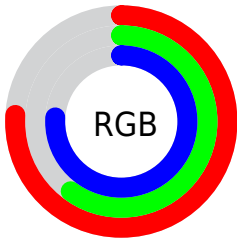
Format	Color
R_{YB}	195, 152, 193
Decimal	12818625
CIE Lab	67.95, 23.04, -15.00
CIE LCh	68, 27.489, 326.930
Yxy	37.9088, 0.3171, 0.2772
Android (android.graphics.Color)	4291008705 (0xFFC398C1)
YUV	169.5310, 11.5702, 22.3363
Hunter-Lab	61.5701, 17.9576, -10.3301

Details

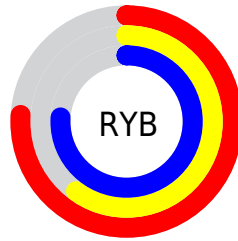
The XYZ color **43.3596, 37.9088, 55.4839** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2983, 48.0400, 37.8281**, and the grayscale version is **37.9162, 39.8908, 43.4410**.

A 20% lighter version of the original color is **79.5566, 72.1606, 99.3578**, and **20.2984, 16.8342, 26.6056** is the 20% darker color. If you saturate the color by 10%, you get **40.3507, 32.0518, 53.9835**, and if you desaturate by 10%, it is **46.8918, 44.8100, 57.1627**.

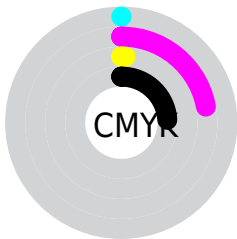
Distribution



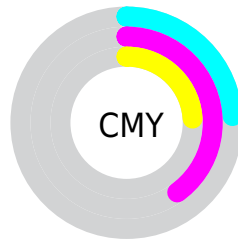
- Red (76%)
- Green (60%)
- Blue (76%)



- Red (76%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3596, 37.9088, 55.4839 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 43.3596, 37.9088, 55.4839 by changing the saturation by 10% instead.


 43.3596, 37.9088,
55.4839

 43.3596, 37.9088,
55.4839


350.9850,
337.2286, 425.0772

 30.3631, 25.9119,
39.3881

 79.5056, 71.9683,
99.7278

 20.2638, 16.7578,
26.7516


 103.3857, 94.7998,
128.7130

 12.6963, 10.0619,
17.1560


131.6245,
122.0115, 162.8317

 7.2953, 5.4400,
10.1826

164.5873,
153.9879, 202.5025

 3.6954, 2.5077,
5.4130

202.6394,
191.1135, 248.1439

 1.5313, 0.8805,
2.4286

246.1461,

 0.3470, 0.0000,

233.7725, 300.1744

0.8020

295.4729,
282.3494, 359.0127

■ 0.0000, 0.0000,
0.0000

■ 43.3596, 37.9088,
55.4839

■ 43.3596, 37.9088,
55.4839

■ 40.3507, 32.0518,
53.9835

■ 46.8918, 44.8100,
57.1627

■ 37.8361, 27.1832,
52.6505

■ 50.9674, 52.7977,
59.0252

■ 35.7896, 23.2497,
51.4765

■ 55.6098, 61.9180,
61.0798

■ 34.1808, 20.1906,
50.4515

■ 60.8400, 72.2129,
63.3334

■ 32.9760, 17.9386,
49.5642

■ 66.6779, 83.7222,
65.7926

■ 32.1366, 16.4163,
48.8018

■ 68.5105, 87.2201,
66.9198

■ 31.6163, 15.5312,
48.1487

■ 68.6159, 87.2622,
67.4744

■ 31.3614, 15.1444,
47.6846

■ 68.7218, 87.3046,
68.0323

■ 68.8284, 87.3472,
68.5934

Harmonies

Analogous

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



39.8795, 37.9088, 65.9928



43.3596, 37.9088, 55.4839



44.8684, 37.9088, 42.5485

Triad

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



43.3596, 37.9088, 55.4839



36.4727, 37.9088, 21.9653



29.1950, 37.9088, 52.8693

Complementary

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



43.3596, 37.9088, 55.4839



38.2983, 48.0400, 37.8281

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.



28.4379, 37.9088, 40.0296



43.3596, 37.9088, 55.4839



32.4387, 37.9088, 23.6595

Square

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



43.3596, 37.9088, 55.4839



40.7000, 37.9088, 24.5392



29.5788, 37.9088, 29.7281



31.7338, 37.9088, 64.2858

Rectangle

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



43.3596, 37.9088, 55.4839



44.4713, 37.9088, 34.7998



29.5788, 37.9088, 29.7281



28.7328, 37.9088, 48.5101

Sweetspot

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



43.3608, 37.9105, 55.4847



87.4647, 87.0742, 103.9836



34.2990, 33.2130, 56.2337



19.0558, 18.8761, 22.7265



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.



43.3608, 37.9105, 55.4847



75.1995, 63.1052, 98.1637



41.1881, 37.0414, 44.0437



10.4764, 10.2392, 12.5992



20.3917, 9.8464, 31.0386



0.8874, 0.4280, 1.3745

Inverse Universe

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



43.3608, 37.9105, 55.4847



75.1995, 63.1052, 98.1637



40.1967, 48.7994, 47.8252



10.4764, 10.2392, 12.5992



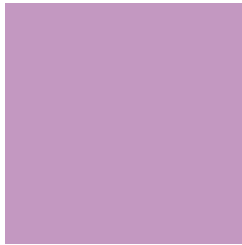
20.3917, 9.8464, 31.0386



0.8874, 0.4280, 1.3745

Previews

White Background



This preview shows how the XYZ color 43.3596, 37.9088, 55.4839 looks on a white background.

Color Contrast Check

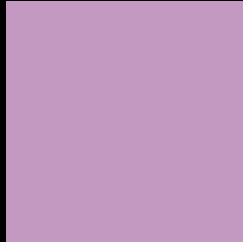
Large Text (above 18pt) WCAG AA × Fail

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 43.3596, 37.9088, 55.4839 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 43.3596, 37.9088, 55.4839

Background



This preview shows how black text looks on a background with the XYZ color 43.3596, 37.9088, 55.4839.



This preview shows how white text looks on a background with the XYZ color 43.3596, 37.9088,

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

43.3596, 37.9088, 55.4839

Protanopia

37.9186, 38.0371, 60.6017

Deuteranopia

38.9019, 38.1483, 54.6032



Tritanopia

40.7881, 37.8480, 42.6917

Trichromacy



Original Color

43.3596, 37.9088, 55.4839

Protanomaly

39.5584, 37.8768, 58.6521

Deuteranomaly

40.3317, 37.8432, 55.0479

Tritanomaly

41.7495, 37.9945, 47.2527

Monochromacy



Original Color

43.3596, 37.9088, 55.4839

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.7235, 38.9924, 47.5521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3596, 37.9088, 55.4839 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(195, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 152, 193)  
}
```

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(195, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 152, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.3596, 37.9088, 55.4839 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(195, 152, 193) }
```


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

```
.border{ border-color:rgb(195, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 152,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3596, 37.9088, 55.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 152, 193) }
```

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

```
.background{ background-color: rgb(195,  
152, 193) }
```

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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