

Converting Colors

XYZ(43.9851, 41.0215, 56.0193)

Have a look what the booklet for
XYZ(43.9851, 41.0215, 56.0193)
contains.

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Color

**XYZ(43.9580, 40.9918,
56.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA3C1
RGB	190, 163, 193
RGB Percent	75%, 64%, 76%
CMY	0.2549, 0.3608, 0.2431
CMYK	0.02, 0.16, 0.00, 0.24
HSL	294°, 19%, 70%
HSV	294°, 16%, 76%
XYZ	43.9580, 40.9918, 56.0474
YIQ	174.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

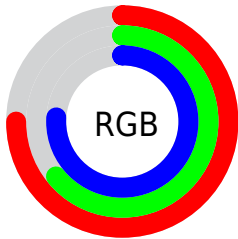
Format	Color
R _Y B	190, 163, 193
Decimal	12493761
CIE Lab	70.17, 15.24, -11.72
CIE LCh	70, 19.226, 322.453
Yxy	40.9918, 0.3118, 0.2907
Android (android.graphics.Color)	4290683841 (0xFFBEA3C1)
YUV	174.4930, 9.1240, 13.5996
Hunter-Lab	64.0248, 10.5106, -7.0851

Details

The XYZ color **43.9580, 40.9918, 56.0474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4082, 48.8923, 41.9071**, and the grayscale version is **40.4389, 42.5449, 46.3314**.

A 20% lighter version of the original color is **80.1763, 76.5752, 100.1773**, and **20.4980, 18.4672, 26.9103** is the 20% darker color. If you saturate the color by 10%, you get **40.3108, 34.4078, 54.9694**, and if you desaturate by 10%, it is **48.1370, 48.6286, 57.3018**.

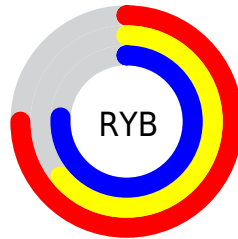
Distribution



Red (75%)

Green (64%)

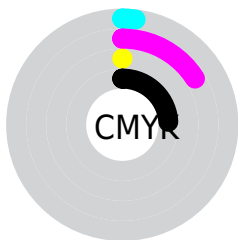
Blue (76%)



Red (75%)

Yellow (64%)

Blue (76%)

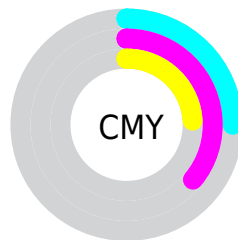


Cyan (2%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9580, 40.9918, 56.0474 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 43.9580, 40.9918, 56.0474 by changing the saturation by 10% instead.


 43.9580, 40.9918,
56.0474


 43.9580, 40.9918,
56.0474


353.3920,
350.2863, 427.2634

 30.8353, 28.3127,
39.8367


 80.4013, 76.6714,
100.5604

 20.6246, 18.5615,
27.0984


 104.4525,
100.4408, 129.6997

 12.9608, 11.3539,
17.4141


132.8773,
128.6756, 163.9856

 7.4784, 6.3054,
10.3651

166.0410,
161.7603, 203.8367

 3.8120, 3.0316,
5.5329

204.3090,
200.0794, 249.6715

 1.5963, 1.1483,
2.4991

248.0466,

 0.3900, 0.0188,

244.0171, 301.9085

0.8397

297.6191,
293.9580, 360.9663

■ 0.0000, 0.0000,
0.0000

■ 43.9580, 40.9918,
56.0474

■ 43.9580, 40.9918,
56.0474

■ 40.3108, 34.4078,
54.9694

■ 48.1370, 48.6286,
57.3018

■ 37.1681, 28.8239,
54.0572

■ 52.8662, 57.3571,
58.7373

■ 34.5056, 24.1911,
53.3033

■ 58.1678, 67.2207,
60.3618

■ 32.2957, 20.4539,
52.6985

■ 64.0616, 78.2591,
62.1818

■ 30.5077, 17.5513,
52.2324

■ 69.1122, 87.6018,
63.7189

■ 29.1072, 15.4145,
51.8938

■ 69.6299, 87.8686,
63.7431

■ 28.0543, 13.9636,
51.6693

■ 70.1540, 88.1388,
63.7676

■ 27.2998, 13.1002,
51.5424

■ 70.6847, 88.4124,
63.7925

■ 27.0145, 12.8145,
51.5023

■ 71.2220, 88.6894,
63.8176

Harmonies

Analogous

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



41.3182, 40.9918, 62.6387



43.9580, 40.9918, 56.0474



45.2724, 40.9918, 46.9479

Triad

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



43.9580, 40.9918, 56.0474



39.7616, 40.9918, 29.5651



33.6331, 40.9918, 51.5833

Complementary

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



43.9580, 40.9918, 56.0474



41.4082, 48.8923, 41.9071

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.



33.2661, 40.9918, 42.3957



43.9580, 40.9918, 56.0474



36.6961, 40.9918, 30.4580

Square

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



43.9580, 40.9918, 56.0474



42.7661, 40.9918, 32.2563



34.3587, 40.9918, 34.8843



35.3894, 40.9918, 59.8290

Rectangle

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



43.9580, 40.9918, 56.0474



45.1731, 40.9918, 41.0000



34.3587, 40.9918, 34.8843



33.3471, 40.9918, 48.4748

Sweetspot

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



43.9592, 40.9936, 56.0483



86.5836, 87.7746, 102.7390



38.4590, 39.0934, 55.9714



18.4538, 18.6078, 22.0043



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.



43.9592, 40.9936, 56.0483



76.1677, 68.7736, 99.6204



43.4827, 40.8904, 49.5876



10.3948, 10.1947, 12.7047



18.0061, 8.5429, 34.2565



0.8072, 0.3842, 1.4815

Inverse Universe

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



41.9739, 40.2869, 41.6423



71.8905, 67.2567, 68.3316



41.8645, 49.0030, 47.5541



10.1132, 10.0939, 10.6867



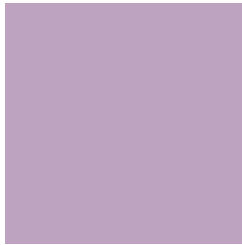
14.7215, 7.5784, 1.1797



0.6502, 0.3331, 0.1252

Previews

White Background



This preview shows how the XYZ color 43.9580, 40.9918, 56.0474 looks on a white background.

Color Contrast Check

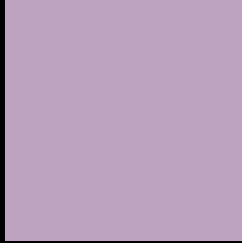
Large Text (above 18pt) WCAG AA × Fail

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 43.9580, 40.9918, 56.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

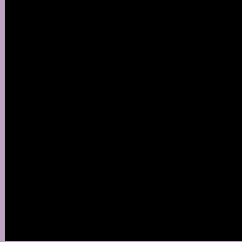
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9580, 40.9918, 56.0474

Background



This preview shows how black text looks on a background with the XYZ color 43.9580, 40.9918, 56.0474.



This preview shows how white text looks on a background with the XYZ color 43.9580, 40.9918,

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

43.9580, 40.9918, 56.0474

Protanopia

40.5041, 41.0422, 59.2132

Deuteranopia

41.9236, 41.0269, 55.5785



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

43.9580, 40.9918, 56.0474

Protanomaly

41.4617, 40.7369, 57.9023

Deuteranomaly

42.6791, 41.1455, 55.5616

Tritanomaly

42.8090, 40.7886, 50.4165

Monochromacy



Original Color

43.9580, 40.9918, 56.0474

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.5376, 41.7889, 49.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9580, 40.9918, 56.0474 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(190, 163, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 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(190, 163, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.9580, 40.9918, 56.0474 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(190, 163, 193) }
```


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

```
.border{ border-color:rgb(190, 163, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9580, 40.9918, 56.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 193) }
```

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

```
.background{ background-color: rgb(190,  
163, 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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