

Converting Colors

XYZ(52.8612, 43.2845, 56.4840)

Have a look what the booklet for
XYZ(52.8612, 43.2845, 56.4840)
contains.

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Color

**XYZ(52.9718, 43.3371,
56.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	E39AC2
RGB	227, 154, 194
RGB Percent	89%, 60%, 76%
CMY	0.1098, 0.3961, 0.2392
CMYK	0.00, 0.32, 0.15, 0.11
HSL	327°, 57%, 75%
HSV	327°, 32%, 89%
XYZ	52.9718, 43.3371, 56.6119
YIQ	180.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

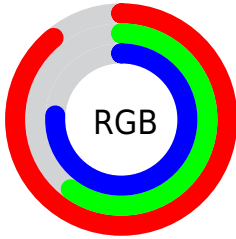
Format	Color
R _Y B	227, 154, 194
Decimal	14916290
CIE Lab	71.78, 33.09, -9.47
CIE LCh	72, 34.424, 344.029
Yxy	43.3371, 0.3464, 0.2834
Android (android.graphics.Color)	4293106370 (0xFFE39AC2)
YUV	180.3870, 6.7112, 40.8796
Hunter-Lab	65.8309, 28.4285, -4.9053

Details

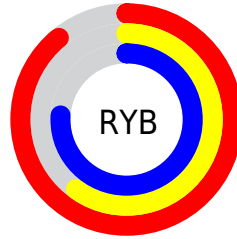
The XYZ color **52.9718, 43.3371, 56.6119** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.7670, 65.3974, 57.0167**, and the grayscale version is **43.5449, 45.8126, 49.8900**.

A 20% lighter version of the original color is **81.2958, 73.7631, 100.3954**, and **26.0626, 19.9422, 27.2865** is the 20% darker color. If you saturate the color by 10%, you get **48.4606, 36.0955, 49.6169**, and if you desaturate by 10%, it is **58.2736, 52.0314, 64.2641**.

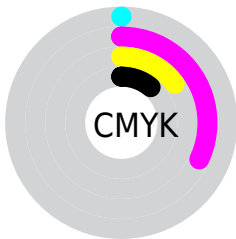
Distribution



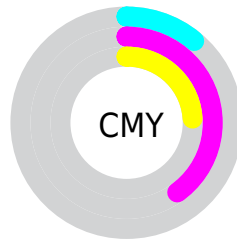
- Red (89%)
- Green (60%)
- Blue (76%)



- Red (89%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9718, 43.3371, 56.6119 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 52.9718, 43.3371, 56.6119 by changing the saturation by 10% instead.


 52.9718, 43.3371,
56.6119


 52.9718, 43.3371,
56.6119


388.4396,
359.9963, 429.4464

 38.0076, 30.1497,
40.2864

 93.7286, 80.2193,
101.3934

 26.1659, 19.9522,
27.4465


 120.2520,
104.6829, 130.6865

 17.0811, 12.3603,
17.6734


151.3592,
133.6740, 165.1392

 10.3880, 6.9896,
10.5488

187.4156,
167.5771, 205.1702

 5.7212, 3.4556,
5.6540

228.7864,
206.7764, 251.1978

 2.7153, 1.3740,
2.5705

275.8371,

 1.0051, 0.1974,

251.6565, 303.6407

0.8772

328.9331,
302.6016, 362.9174

■ 0.0000, 0.0000,
0.0000

■ 52.9718, 43.3371,
56.6119

■ 52.9718, 43.3371,
56.6119

■ 48.4606, 36.0955,
49.6169

■ 58.2736, 52.0314,
64.2641

■ 44.6945, 30.2199,
43.2546

■ 64.4006, 62.2467,
72.5914

■ 41.6291, 25.6235,
37.5027

■ 71.3899, 74.0544,
81.6138

■ 39.2135, 22.2071,
32.3357

■ 79.2752, 87.5194,
91.3500

■ 37.3892, 19.8567,
27.7255

■ 83.9681, 94.4627,
100.4441

■ 36.0862, 18.4350,
23.6397

■ 85.4889, 95.0711,
108.4525

■ 35.3409, 17.7959,
20.7666

Harmonies

Analogous

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



49.5086, 43.3371, 74.3280



52.9718, 43.3371, 56.6119



53.0885, 43.3371, 39.8044

Triad

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



52.9718, 43.3371, 56.6119



38.5251, 43.3371, 22.3358



33.6247, 43.3371, 73.2879

Complementary

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



52.9718, 43.3371, 56.6119



49.7670, 65.3974, 57.0167

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.



31.2181, 43.3371, 55.4297



52.9718, 43.3371, 56.6119



33.8607, 43.3371, 27.6167

Square

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



52.9718, 43.3371, 56.6119



44.3621, 43.3371, 22.5078



31.3001, 43.3371, 38.8704



38.1740, 43.3371, 85.4027

Rectangle

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



52.9718, 43.3371, 56.6119



51.2278, 43.3371, 31.3651



31.3001, 43.3371, 38.8704



32.5584, 43.3371, 67.5949

Sweetspot

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



52.9731, 43.3391, 56.6128



85.6469, 84.0753, 96.8822



45.8794, 39.2054, 77.8231



18.0690, 17.5533, 20.3912



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.



52.9731, 43.3391, 56.6128



64.6910, 49.5413, 67.1520



49.3773, 41.9008, 37.6775



14.7057, 14.4995, 16.6508



20.6704, 10.4024, 12.4250



1.5742, 0.7874, 1.1641

Inverse Universe

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



52.9731, 43.3391, 56.6128



64.6910, 49.5413, 67.1520



54.1635, 67.1560, 80.1683



14.7057, 14.4995, 16.6508



20.6704, 10.4024, 12.4250



1.5742, 0.7874, 1.1641

Previews

White Background



This preview shows how the XYZ color 52.9718, 43.3371, 56.6119 looks on a white background.

Color Contrast Check

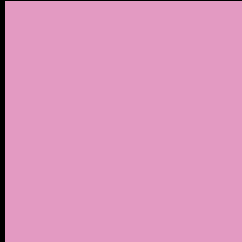
Large Text (above 18pt) WCAG AA × Fail

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 52.9718, 43.3371, 56.6119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

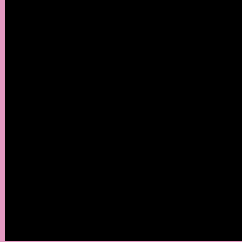
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9718, 43.3371, 56.6119

Background



This preview shows how black text looks on a background with the XYZ color 52.9718, 43.3371, 56.6119.



This preview shows how white text looks on a background with the XYZ color 52.9718, 43.3371,

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

52.9718, 43.3371, 56.6119

Protanopia

43.1700, 43.7110, 65.1932

Deuteranopia

44.4604, 43.4522, 55.3340



Tritanopia

50.2230, 43.2033, 43.7222

Trichromacy



Original Color

52.9718, 43.3371, 56.6119



Protanomaly

45.9652, 42.9781, 61.7501



Deuteranomaly

47.3267, 43.2726, 55.7272



Tritanomaly

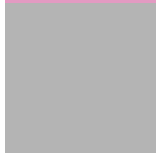
51.2450, 43.3762, 48.3194

Monochromacy



Original Color

52.9718, 43.3371, 56.6119



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.3458, 44.4989, 52.0454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9718, 43.3371, 56.6119 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(227, 154, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 154, 194)  
}
```

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(227, 154, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 154, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.9718, 43.3371, 56.6119 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(227, 154, 194) }
```


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

```
.border{ border-color:rgb(227, 154, 194) }
```

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

Here you see how a box with a 4 pixel rgb(227, 154, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 154, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 154, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 154,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9718, 43.3371, 56.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 154, 194) }
```

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

```
.background{ background-color: rgb(227,  
154, 194) }
```

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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