

Converting Colors

XYZ(55.6834, 43.3268, 74.3436)

Have a look what the booklet for
XYZ(55.6834, 43.3268, 74.3436)
contains.

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Color

**XYZ(55.7697, 43.4175,
74.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	E396DE
RGB	227, 150, 222
RGB Percent	89%, 59%, 87%
CMY	0.1098, 0.4117, 0.1294
CMYK	0.00, 0.34, 0.02, 0.11
HSL	304°, 58%, 74%
HSV	304°, 34%, 89%
XYZ	55.7697, 43.4175, 74.5483
YIQ	181.2310, 22.7800, 38.7160

Conversions

Conversions Part 2

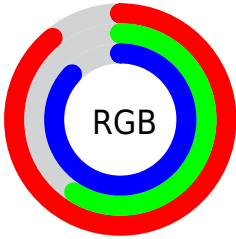
Format	Color
R _{YB}	227, 150, 222
Decimal	14915294
CIE _{Lab}	71.84, 39.98, -24.83
CIE _{LCh}	72, 47.065, 328.158
Yxy	43.4175, 0.3210, 0.2499
Android (android.graphics.Color)	4293105374 (0xFFE396DE)
YUV	181.2310, 20.0991, 40.1394
Hunter-Lab	65.8920, 35.7681, -20.9547

Details

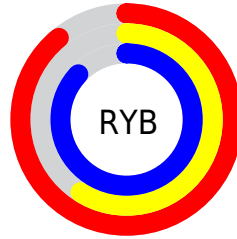
The XYZ color **55.7697, 43.4175, 74.5483** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9649, 63.7902, 40.9029**, and the grayscale version is **43.9331, 46.2211, 50.3348**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **27.8273, 19.8855, 38.9308** is the 20% darker color. If you saturate the color by 10%, you get **52.2960, 36.7840, 72.4202**, and if you desaturate by 10%, it is **59.9495, 51.4587, 76.9212**.

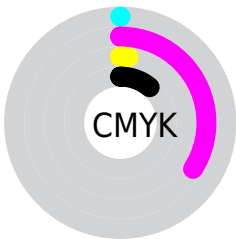
Distribution



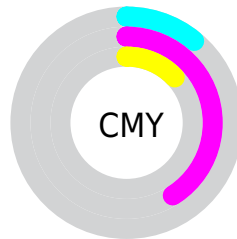
- Red (89%)
- Green (59%)
- Blue (87%)



- Red (89%)
- Yellow (59%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (11%)




- Cyan (11%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7697, 43.4175, 74.5483 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 55.7697, 43.4175, 74.5483 by changing the saturation by 10% instead.


 55.7697, 43.4175,
74.5483


 55.7697, 43.4175,
74.5483


398.9121,
360.3259, 495.5775

 40.2546, 30.2128,
54.7434

 97.8095, 80.3405,
127.4140

 27.9222, 20.0002,
38.7991


 125.0650,
104.8276, 161.3118

 18.4072, 12.3952,
26.2969

156.9646,
133.8444, 200.7444

 11.3442, 7.0134,
16.8181

193.8736,
167.7751, 246.1303

 6.3678, 3.4705,
9.9443

236.1576,
207.0042, 297.8880

 3.1128, 1.3820,
5.2569

284.1817,

 1.2137, 0.2034,

251.9161, 356.4361

2.3374

338.3115,
302.8952, 422.1931

■ 0.1171, 0.0000,
0.7521

■ 0.0000, 0.0000,
0.0000

■ 55.7697, 43.4175,
74.5483

■ 55.7697, 43.4175,
74.5483

■ 52.2960, 36.7840,
72.4202

■ 59.9495, 51.4587,
76.9212

■ 49.4835, 31.4712,
70.5205

■ 64.8687, 60.9767,
79.5487

■ 47.2888, 27.3912,
68.8353

■ 70.5634, 72.0430,
82.4432

■ 45.6616, 24.4434,
67.3477

■ 77.0662, 84.7225,
85.6157

44.5434, 22.5109,
66.0382

81.6338, 93.5291,
88.1518

43.8634, 21.4519,
64.8831

81.8411, 93.6119,
89.2430

43.5953, 21.0977,
64.2333

82.0500, 93.6955,
90.3434

82.2608, 93.7798,
91.4531

82.4733, 93.8648,
92.5721

Harmonies

Analogous

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



48.9637, 43.4175, 97.7522



55.7697, 43.4175, 74.5483



58.6389, 43.4175, 48.7055

Triad

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



55.7697, 43.4175, 74.5483



41.7638, 43.4175, 15.4887



29.1315, 43.4175, 71.2723

Complementary

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



55.7697, 43.4175, 74.5483



45.9649, 63.7902, 40.9029

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.



27.7173, 43.4175, 45.8714



55.7697, 43.4175, 74.5483



34.4224, 43.4175, 18.0903

Square

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



55.7697, 43.4175, 74.5483



49.9305, 43.4175, 18.8475



29.5255, 43.4175, 27.6254



33.6686, 43.4175, 95.4703

Rectangle

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



55.7697, 43.4175, 74.5483



57.6856, 43.4175, 34.8265



29.5255, 43.4175, 27.6254



28.3031, 43.4175, 62.3825

Sweetspot

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



55.7711, 43.4194, 74.5492



87.1823, 84.6895, 104.9677



38.0713, 34.2163, 77.2718



18.4420, 17.7025, 22.3553



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.



55.7711, 43.4194, 74.5492



69.1942, 50.0070, 94.9833



51.3065, 41.6336, 51.0393



14.9526, 14.5982, 17.9507



25.4415, 12.3108, 37.5497



1.8923, 0.9146, 2.8395

Inverse Universe

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



55.7711, 43.4194, 74.5492



69.1942, 50.0070, 94.9833



49.6017, 65.2449, 60.0538



14.9526, 14.5982, 17.9507



25.4415, 12.3108, 37.5497



1.8923, 0.9146, 2.8395

Previews

White Background



This preview shows how the XYZ color 55.7697, 43.4175, 74.5483 looks on a white background.

Color Contrast Check

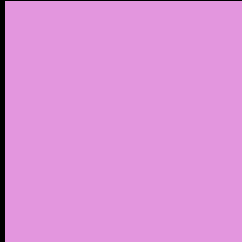
Large Text (above 18pt) WCAG AA × Fail

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 55.7697, 43.4175, 74.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

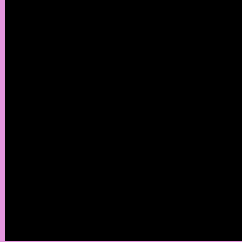
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7697, 43.4175, 74.5483

Background



This preview shows how black text looks on a background with the XYZ color 55.7697, 43.4175, 74.5483.



This preview shows how white text looks on a background with the XYZ color 55.7697, 43.4175,

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

55.7697, 43.4175, 74.5483

Protanopia

44.7689, 43.7315, 88.5195

Deuteranopia

44.8320, 43.8333, 72.4274



Tritanopia

49.8360, 43.4923, 44.7979

Trichromacy



Original Color

55.7697, 43.4175, 74.5483



Protanomaly

47.4545, 42.7385, 82.8390



Deuteranomaly

48.2336, 43.3622, 72.8454



Tritanomaly

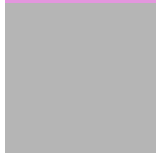
51.6142, 43.1826, 54.3299

Monochromacy



Original Color

55.7697, 43.4175, 74.5483



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.6272, 44.7407, 58.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7697, 43.4175, 74.5483 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, 150, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 150, 222)  
}
```

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, 150, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 150, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.7697, 43.4175, 74.5483 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, 150, 222) }
```


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

```
.border{ border-color:rgb(227, 150, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 150, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 150, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 150, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 150,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7697, 43.4175, 74.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 150, 222) }
```

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

```
.background{ background-color: rgb(227,  
150, 222) }
```

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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