

Converting Colors

XYZ(54.9907, 42.9466, 74.3817)

Have a look what the booklet for
XYZ(54.9907, 42.9466, 74.3817)
contains.

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Color

**XYZ(55.1425, 43.0942,
74.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	E196DE
RGB	225, 150, 222
RGB Percent	88%, 59%, 87%
CMY	0.1176, 0.4117, 0.1294
CMYK	0.00, 0.33, 0.01, 0.12
HSL	302°, 56%, 74%
HSV	302°, 33%, 88%
XYZ	55.1425, 43.0942, 74.5189
YIQ	180.6330, 21.5880, 38.2920

Conversions

Conversions Part 2

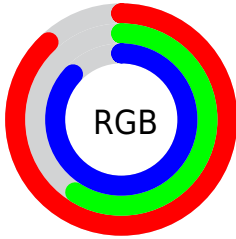
Format	Color
R _Y B	225, 150, 222
Decimal	14784222
CIE Lab	71.62, 39.35, -25.18
CIE LCh	72, 46.718, 327.380
Yxy	43.0942, 0.3192, 0.2495
Android (android.graphics.Color)	4292974302 (0xFFE196DE)
YUV	180.6330, 20.3939, 38.9099
Hunter-Lab	65.6462, 35.0584, -21.3513

Details

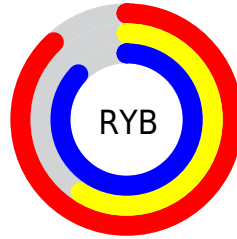
The XYZ color **55.1425, 43.0942, 74.5189** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2545, 62.6358, 39.8442**, and the grayscale version is **43.6095, 45.8806, 49.9640**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **27.7049, 19.9604, 38.9517** is the 20% darker color. If you saturate the color by 10%, you get **51.7711, 36.5431, 72.8018**, and if you desaturate by 10%, it is **59.2066, 51.0279, 76.4710**.

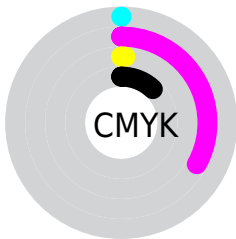
Distribution



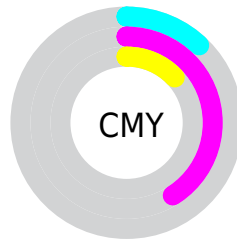
- Red (88%)
- Green (59%)
- Blue (87%)



- Red (88%)
- Yellow (59%)
- Blue (87%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (12%)




- Cyan (12%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1425, 43.0942, 74.5189 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 55.1425, 43.0942, 74.5189 by changing the saturation by 10% instead.


 55.1425, 43.0942,
74.5189


 55.1425, 43.0942,
74.5189


396.5795,
358.9990, 495.4736

 39.7501, 29.9590,
54.7195

 96.8968, 79.8530,
127.3719

 27.5271, 19.8075,
38.7801


 123.9895,
104.2454, 161.2626

 18.1081, 12.2552,
26.2822

155.7129,
133.1590, 200.6875

 11.1278, 6.9177,
16.8072

192.4325,
166.9782, 246.0651

 6.2208, 3.4107,
9.9366

234.5136,
206.0875, 297.8140

 3.0217, 1.3497,
5.2519

282.3216,

 1.1653, 0.1792,

250.8711, 356.3527

2.3345

336.2217,
301.7135, 422.0997

■ 0.0787, 0.0000,
0.7504

■ 0.0000, 0.0000,
0.0000

■ 55.1425, 43.0942,
74.5189

■ 55.1425, 43.0942,
74.5189

■ 51.7711, 36.5431,
72.8018

■ 59.2066, 51.0279,
76.4710

■ 49.0487, 31.2899,
71.3038

■ 63.9957, 60.4115,
78.6674

■ 46.9330, 27.2491,
70.0112

■ 69.5451, 71.3145,
81.1205

■ 45.3752, 24.3229,
68.9077

■ 75.8864, 83.8005,
83.8407

44.3187, 22.3983,
67.9744

80.6082, 93.0464,
86.0244

43.6950, 21.3385,
67.1887

80.7325, 93.0961,
86.6786

43.4463, 20.9656,
66.7221

80.8574, 93.1460,
87.3364

80.9829, 93.1962,
87.9975

81.1091, 93.2467,
88.6621

Harmonies

Analogous

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



48.3553, 43.0942, 97.1651



55.1425, 43.0942, 74.5189



58.0977, 43.0942, 48.9408

Triad

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



55.1425, 43.0942, 74.5189



41.6586, 43.0942, 15.4863



28.8906, 43.0942, 69.9242

Complementary

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



55.1425, 43.0942, 74.5189



45.2545, 62.6358, 39.8442

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.



27.5745, 43.0942, 44.9600



55.1425, 43.0942, 74.5189



34.3595, 43.0942, 17.9100

Square

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



55.1425, 43.0942, 74.5189



49.7123, 43.0942, 18.9778



29.4447, 43.0942, 27.1500



33.3000, 43.0942, 93.9673

Rectangle

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



55.1425, 43.0942, 74.5189



57.2460, 43.0942, 35.0833



29.4447, 43.0942, 27.1500



28.0986, 43.0942, 61.1635

Sweetspot

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



55.1439, 43.0961, 74.5198



87.2840, 84.7302, 105.5031



37.5416, 33.9749, 75.8143



18.4668, 17.7124, 22.4859



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.



55.1439, 43.0961, 74.5198



70.0311, 51.0024, 97.3533



50.7163, 41.3251, 51.2043



14.2701, 13.9257, 17.1925



25.0462, 12.0855, 38.5047



1.7435, 0.8407, 2.7083

Inverse Universe

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



55.1439, 43.0961, 74.5198



70.0311, 51.0024, 97.3533



48.7988, 64.0535, 58.5086



14.2701, 13.9257, 17.1925



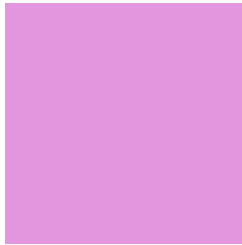
25.0462, 12.0855, 38.5047



1.7435, 0.8407, 2.7083

Previews

White Background



This preview shows how the XYZ color 55.1425, 43.0942, 74.5189 looks on a white background.

Color Contrast Check

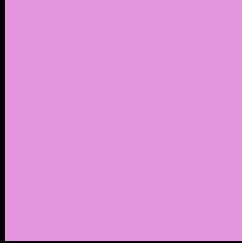
Large Text (above 18pt) WCAG AA × Fail

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 55.1425, 43.0942, 74.5189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

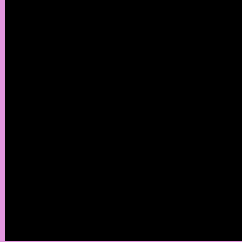
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1425, 43.0942, 74.5189

Background



This preview shows how black text looks on a background with the XYZ color 55.1425, 43.0942, 74.5189.



This preview shows how white text looks on a background with the XYZ color 55.1425, 43.0942,

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

55.1425, 43.0942, 74.5189

Protanopia

44.6207, 43.6722, 87.7392

Deuteranopia

44.2020, 43.2249, 72.3432



Tritanopia

48.9306, 43.0256, 44.7556

Trichromacy



Original Color

55.1425, 43.0942, 74.5189



Protanomaly

47.4545, 42.7385, 82.8390



Deuteranomaly

47.5475, 42.7418, 72.7618



Tritanomaly

51.0015, 42.8668, 54.3012

Monochromacy



Original Color

55.1425, 43.0942, 74.5189



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.3645, 44.6053, 58.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1425, 43.0942, 74.5189 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(225, 150, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 150, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 150, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.1425, 43.0942, 74.5189 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(225, 150, 222) }
```


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

```
.border{ border-color:rgb(225, 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(225, 150, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 150, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 150, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 150,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1425, 43.0942, 74.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 150, 222) }
```

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

```
.background{ background-color: rgb(225,  
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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