

Converting Colors

XYZ(55.1151, 42.8195, 77.5658)

Have a look what the booklet for
XYZ(55.1151, 42.8195, 77.5658)
contains.

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Color

**XYZ(54.9063, 42.6739,
77.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	DF95E2
RGB	223, 149, 226
RGB Percent	87%, 58%, 89%
CMY	0.1255, 0.4157, 0.1137
CMYK	0.01, 0.34, 0.00, 0.11
HSL	298°, 57%, 74%
HSV	298°, 34%, 89%
XYZ	54.9063, 42.6739, 77.2945
YIQ	179.9040, 19.3870, 39.6350

Conversions

Conversions Part 2

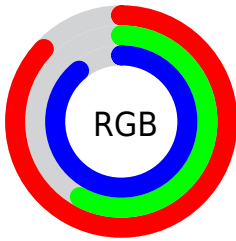
Format	Color
R _Y B	223, 149, 226
Decimal	14652898
CIE Lab	71.33, 39.98, -27.84
CIE LCh	71, 48.721, 325.153
Yxy	42.6739, 0.3140, 0.2440
Android (android.graphics.Color)	4292842978 (0xFFDF95E2)
YUV	179.9040, 22.7253, 37.7952
Hunter-Lab	65.3253, 35.7112, -24.4257

Details

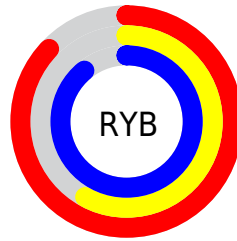
The XYZ color **54.9063, 42.6739, 77.2945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5716, 63.2391, 38.2405**, and the grayscale version is **43.2069, 45.4570, 49.5027**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **27.4667, 19.6672, 40.3787** is the 20% darker color. If you saturate the color by 10%, you get **51.4016, 36.0653, 76.2042**, and if you desaturate by 10%, it is **59.1089, 50.6745, 78.6179**.

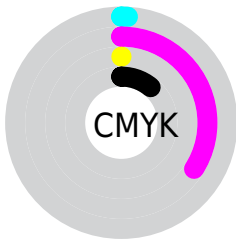
Distribution



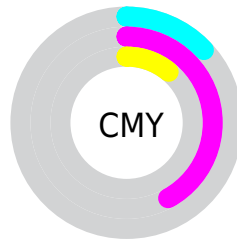
- Red (87%)
- Green (58%)
- Blue (89%)



- Red (87%)
- Yellow (58%)
- Blue (89%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)





- Cyan (13%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9063, 42.6739, 77.2945 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 54.9063, 42.6739, 77.2945 by changing the saturation by 10% instead.


 54.9063, 42.6739,
77.2945


 54.9063, 42.6739,
77.2945


395.6988,
357.2690, 505.2319

 39.5603, 29.6293,
56.9816

 96.5528, 79.2185,
131.3319

 27.3785, 19.5574,
40.5812


 123.5839,
103.4874, 165.8935

 17.9958, 12.0737,
27.6748

155.2408,
132.2665, 206.0418

 11.0466, 6.7939,
17.8437

191.8888,
165.9402, 252.1953

 6.1657, 3.3336,
10.6696

233.8932,
204.8929, 304.7725

 2.9877, 1.3083,
5.7337

281.6195,

 1.1473, 0.1476,

249.5090, 364.1919

2.6177

335.4329,
300.1729, 430.8722

■ 0.0641, 0.0000,
0.9016

■ 0.0000, 0.0000,
0.0000

■ 54.9063, 42.6739,
77.2945

■ 54.9063, 42.6739,
77.2945

■ 51.4016, 36.0653,
76.2042

■ 59.1089, 50.6745,
78.6179

■ 48.5503, 30.7624,
75.3310

■ 64.0424, 60.1355,
80.1840

■ 46.3095, 26.6783,
74.6608

■ 69.7424, 71.1276,
82.0053

■ 44.6292, 23.7131,
74.1770

■ 76.2413, 83.7152,
84.0924

43.4515, 21.7510,
73.8603

81.2936, 93.4076,
85.6970

42.7061, 20.6514,
73.6874

81.5727, 93.5515,
85.7100

42.4013, 20.2729,
73.6304

81.8532, 93.6961,
85.7231

82.1351, 93.8414,
85.7363

82.4185, 93.9875,
85.7496

Harmonies

Analogous

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



47.6289, 42.6739, 100.4158



54.9063, 42.6739, 77.2945



58.3634, 42.6739, 50.3810

Triad

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



54.9063, 42.6739, 77.2945



41.9056, 42.6739, 14.4553



27.9097, 42.6739, 68.3922

Complementary

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



54.9063, 42.6739, 77.2945



45.5716, 63.2391, 38.2405

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.



26.8046, 42.6739, 42.7566



54.9063, 42.6739, 77.2945



34.2280, 42.6739, 16.4283

Square

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



54.9063, 42.6739, 77.2945



50.2408, 42.6739, 18.4086



28.9599, 42.6739, 25.1642



32.2107, 42.6739, 94.1789

Rectangle

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



54.9063, 42.6739, 77.2945



57.7395, 42.6739, 35.6440



28.9599, 42.6739, 25.1642



27.1790, 42.6739, 59.2795

Sweetspot

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



54.9077, 42.6758, 77.2954



87.0833, 84.6078, 106.3489



37.4905, 34.6161, 76.6577



18.4178, 17.6826, 22.6923



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.



54.9077, 42.6758, 77.2954



68.7857, 49.6723, 100.5700



51.5554, 41.4426, 54.7760



14.2395, 13.9070, 17.3215



24.2142, 11.5782, 42.0069



1.6951, 0.8111, 2.9125

Inverse Universe

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



47.7805, 39.9326, 34.8973



58.0947, 45.5672, 36.5341



48.2074, 64.2294, 55.0138



13.7288, 13.7091, 14.3419



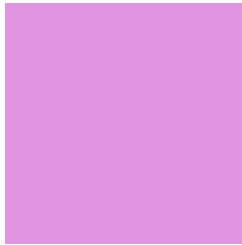
17.9307, 9.2393, 1.0351



1.2506, 0.6435, 0.1125

Previews

White Background



This preview shows how the XYZ color 54.9063, 42.6739, 77.2945 looks on a white background.

Color Contrast Check

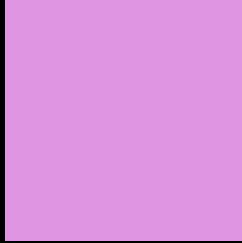
Large Text (above 18pt) WCAG AA × Fail

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 54.9063, 42.6739, 77.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

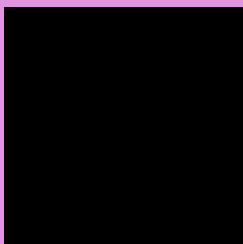
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9063, 42.6739, 77.2945

Background



This preview shows how black text looks on a background with the XYZ color 54.9063, 42.6739, 77.2945.



This preview shows how white text looks on a background with the XYZ color 54.9063, 42.6739,

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

54.9063, 42.6739, 77.2945

Protanopia

44.4096, 43.1911, 91.5840

Deuteranopia

44.0858, 43.1038, 75.1035



Tritanopia

48.3361, 42.7191, 44.7277

Trichromacy



Original Color

54.9063, 42.6739, 77.2945



Protanomaly

46.9216, 42.1303, 85.7797



Deuteranomaly

47.3338, 42.5700, 75.5341



Tritanomaly

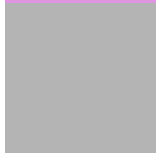
50.6163, 42.6428, 55.4323

Monochromacy



Original Color

54.9063, 42.6739, 77.2945



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.0310, 44.1429, 58.8650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9063, 42.6739, 77.2945 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(223, 149, 226)` looks like.

```
.text, #text, p{  
  color:rgb(223, 149, 226)  
}
```

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(223, 149, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 149, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.9063, 42.6739, 77.2945 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(223, 149, 226) }
```


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

```
.border{ border-color:rgb(223, 149, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 149, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 149, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 149, 226); box-shadow:4px 4px 4px 4px rgb(223, 149, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9063, 42.6739, 77.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 149, 226) }
```

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

```
.background{ background-color: rgb(223,  
149, 226) }
```

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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