

Converting Colors

XYZ(54.3959, 41.4028, 70.4370)

Have a look what the booklet for
XYZ(54.3959, 41.4028, 70.4370)
contains.

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Color

**XYZ(54.4926, 41.4503,
70.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	E490D9
RGB	228, 144, 217
RGB Percent	89%, 56%, 85%
CMY	0.1059, 0.4353, 0.1490
CMYK	0.00, 0.37, 0.05, 0.11
HSL	308°, 61%, 73%
HSV	308°, 37%, 89%
XYZ	54.4926, 41.4503, 70.7743
YIQ	177.4380, 26.6310, 40.5110

Conversions

Conversions Part 2

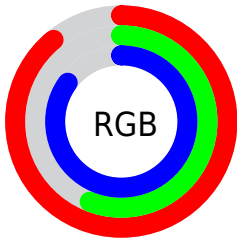
Format	Color
R_{YB}	228, 144, 217
Decimal	14979289
CIE Lab	70.49, 42.57, -24.13
CIE LCh	70, 48.930, 330.456
Yxy	41.4503, 0.3269, 0.2486
Android (android.graphics.Color)	4293169369 (0xFFE490D9)
YUV	177.4380, 19.5041, 44.3429
Hunter-Lab	64.3819, 38.4134, -20.1095

Details

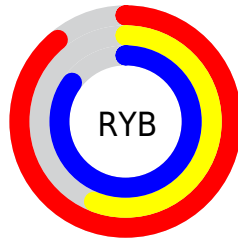
The XYZ color **54.4926, 41.4503, 70.7743** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.1632, 63.7841, 40.9441**, and the grayscale version is **41.9122, 44.0949, 48.0194**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **27.0573, 18.7487, 36.3752** is the 20% darker color. If you saturate the color by 10%, you get **50.9972, 35.0747, 67.7105**, and if you desaturate by 10%, it is **58.6950, 49.2271, 74.1092**.

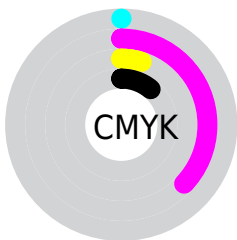
Distribution



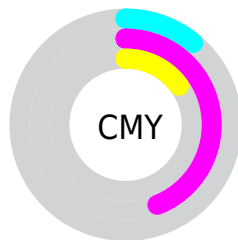
- Red (89%)
- Green (56%)
- Blue (85%)



- Red (89%)
- Yellow (56%)
- Blue (85%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4926, 41.4503, 70.7743 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 54.4926, 41.4503, 70.7743 by changing the saturation by 10% instead.


 54.4926, 41.4503,
70.7743


 54.4926, 41.4503,
70.7743


394.1534,
352.1991, 482.1264

 39.2279, 28.6711,
51.6773

 95.9498, 77.3670,
122.0038

 27.1186, 18.8322,
36.3675


 122.8730,
101.2733, 154.9733

 17.7993, 11.5491,
24.4262


154.4130,
129.6574, 193.4042

 10.9048, 6.4374,
15.4350

190.9352,
162.9037, 237.7148

 6.0697, 3.1128,
8.9752

232.8051,
201.3967, 288.3238

 2.9286, 1.1909,
4.6284

280.3878,

 1.1161, 0.0543,

245.5206, 345.6497

1.9760

334.0488,
295.6600, 410.1111

■ 0.0385, 0.0000,
0.5405

■ 0.0000, 0.0000,
0.0000

■ 54.4926, 41.4503,
70.7743

■ 54.4926, 41.4503,
70.7743

■ 50.9972, 35.0747,
67.7105

■ 58.6950, 49.2271,
74.1092

■ 48.1625, 30.0102,
64.9011

■ 63.6391, 58.4768,
77.7259

■ 45.9431, 26.1650,
62.3311

■ 69.3622, 69.2731,
81.6372

■ 44.2859, 23.4332,
59.9825

■ 75.8978, 81.6829,
85.8545

43.1288, 21.6906,
57.8347

82.3110, 93.8365,
90.0665

42.3922, 20.7781,
55.8608

82.7387, 94.0076,
92.3188

42.2047, 20.5779,
55.2591

83.1737, 94.1815,
94.6093

83.6159, 94.3584,
96.9381

84.0655, 94.5383,
99.3054

Harmonies

Analogous

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



47.7950, 41.4503, 95.2827



54.4926, 41.4503, 70.7743



57.0344, 41.4503, 44.7795

Triad

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



54.4926, 41.4503, 70.7743



39.2739, 41.4503, 13.6891



27.4810, 41.4503, 71.6045

Complementary

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



54.4926, 41.4503, 70.7743



45.1632, 63.7841, 40.9441

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.



25.8319, 41.4503, 45.4870



54.4926, 41.4503, 70.7743



32.0457, 41.4503, 16.6464

Square

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



54.4926, 41.4503, 70.7743



47.5521, 41.4503, 16.4651



27.3839, 41.4503, 26.5790



32.2325, 41.4503, 95.8661

Rectangle

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



54.4926, 41.4503, 70.7743



55.7923, 41.4503, 31.3180



27.3839, 41.4503, 26.5790



26.5769, 41.4503, 62.5079

Sweetspot

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



54.4939, 41.4522, 70.7752



86.1595, 83.1565, 103.0465



37.2672, 32.4006, 77.6895



18.2261, 17.3921, 21.9089



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.



54.4939, 41.4522, 70.7752



66.8061, 47.1544, 88.2571



49.8261, 39.5850, 46.1947



14.9096, 14.5810, 17.7244



24.4018, 11.8949, 32.0743



1.8259, 0.8881, 2.4898

Inverse Universe

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



54.4939, 41.4522, 70.7752



66.8061, 47.1544, 88.2571



49.1877, 65.3939, 62.1368



14.9096, 14.5810, 17.7244



24.4018, 11.8949, 32.0743



1.8259, 0.8881, 2.4898

Previews

White Background



This preview shows how the XYZ color 54.4926, 41.4503, 70.7743 looks on a white background.

Color Contrast Check

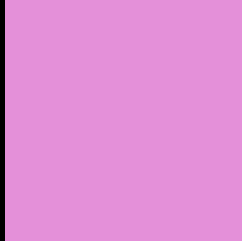
Large Text (above 18pt) WCAG AA × Fail

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 54.4926, 41.4503, 70.7743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

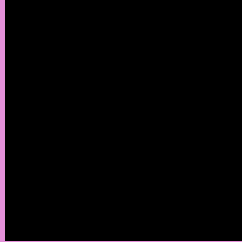
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4926, 41.4503, 70.7743

Background



This preview shows how black text looks on a background with the XYZ color 54.4926, 41.4503, 70.7743.



This preview shows how white text looks on a background with the XYZ color 54.4926, 41.4503,

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

54.4926, 41.4503, 70.7743

Protanopia

42.9858, 42.0125, 85.9644

Deuteranopia

42.6492, 41.6754, 68.0837



Tritanopia

48.5627, 41.3940, 41.5067

Trichromacy



Original Color

54.4926, 41.4503, 70.7743



Protanomaly

45.8502, 40.9062, 80.3420



Deuteranomaly

46.1943, 41.0730, 69.1115



Tritanomaly

50.4038, 41.1628, 51.1876

Monochromacy



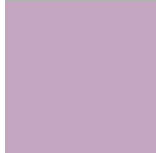
Original Color

54.4926, 41.4503, 70.7743



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.7345, 42.4518, 55.6527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4926, 41.4503, 70.7743 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(228, 144, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 144, 217)  
}
```

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(228, 144, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 144, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.4926, 41.4503, 70.7743 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(228, 144, 217) }
```


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

```
.border{ border-color:rgb(228, 144, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 144, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 144, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 144, 217); box-shadow:4px 4px 4px 4px rgb(228, 144, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4926, 41.4503, 70.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 144, 217) }
```

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

```
.background{ background-color: rgb(228,  
144, 217) }
```

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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