

Converting Colors

XYZ(54.0153, 41.4313, 70.7960)

Have a look what the booklet for
XYZ(54.0153, 41.4313, 70.7960)
contains.

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Color

**XYZ(54.0138, 41.4293,
70.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	E291D9
RGB	226, 145, 217
RGB Percent	89%, 57%, 85%
CMY	0.1137, 0.4314, 0.1490
CMYK	0.00, 0.36, 0.04, 0.11
HSL	307°, 58%, 73%
HSV	307°, 36%, 89%
XYZ	54.0138, 41.4293, 70.7955
YIQ	177.4270, 25.1640, 39.5640

Conversions

Conversions Part 2

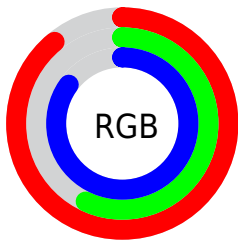
Format	Color
R _Y B	226, 145, 217
Decimal	14848473
CIE Lab	70.48, 41.41, -24.17
CIE LCh	70, 47.948, 329.730
Yxy	41.4293, 0.3249, 0.2492
Android (android.graphics.Color)	4293038553 (0xFFE291D9)
YUV	177.4270, 19.5095, 42.5985
Hunter-Lab	64.3656, 37.1524, -20.1570

Details

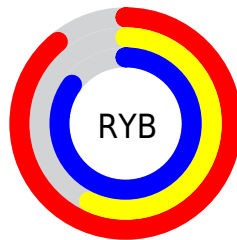
The XYZ color **54.0138, 41.4293, 70.7955** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7079, 62.7469, 40.3293**, and the grayscale version is **41.9069, 44.0893, 48.0133**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **26.7981, 18.8724, 36.4127** is the 20% darker color. If you saturate the color by 10%, you get **50.5740, 35.0678, 68.0499**, and if you desaturate by 10%, it is **58.1480, 49.1702, 73.7980**.

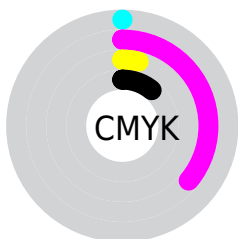
Distribution



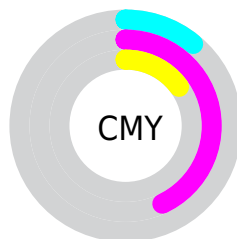
- Red (89%)
- Green (57%)
- Blue (85%)



- Red (89%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (36%)
- Yellow (4%)
- Black (11%)




- Cyan (11%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0138, 41.4293, 70.7955 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 54.0138, 41.4293, 70.7955 by changing the saturation by 10% instead.


 54.0138, 41.4293,
70.7955


 54.0138, 41.4293,
70.7955

392.3601,
352.1117, 482.2026

 38.8434, 28.6547,
51.6945

 95.2513, 77.3352,
122.0342

 26.8181, 18.8198,
36.3811

 122.0491,
101.2352, 155.0091

 17.5725, 11.5401,
24.4366


153.4534,
129.6125, 193.4456

 10.7414, 6.4314,
15.4426

189.8296,
162.8514, 237.7624

 5.9592, 3.1091,
8.9806

231.5430,
201.3364, 288.3779

 2.8607, 1.1890,
4.6319

278.9590,

 1.0805, 0.0527,

245.4519, 345.7108

1.9780

332.4429,
295.5822, 410.1795

■ 0.0087, 0.0000,
0.5417

■ 0.0000, 0.0000,
0.0000

■ 54.0138, 41.4293,
70.7955

■ 54.0138, 41.4293,
70.7955

■ 50.5740, 35.0678,
68.0499

■ 58.1480, 49.1702,
73.7980

■ 47.7838, 29.9983,
65.5447

■ 63.0104, 58.3601,
77.0674

■ 45.5992, 26.1320,
63.2658

■ 68.6370, 69.0706,
80.6164

■ 43.9690, 23.3667,
61.1958

■ 75.0606, 81.3668,
84.4558

42.8335, 21.5832,
59.3149

81.3453, 93.3773,
88.2738

42.1192, 20.6342,
57.5984

81.6997, 93.5191,
90.1402

41.8938, 20.3807,
56.9150

82.0592, 93.6629,
92.0334

82.4239, 93.8087,
93.9536

82.7936, 93.9566,
95.9009

Harmonies

Analogous

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



47.4043, 41.4293, 94.4380



54.0138, 41.4293, 70.7955



56.6119, 41.4293, 45.3147

Triad

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



54.0138, 41.4293, 70.7955



39.4489, 41.4293, 14.0846



27.6005, 41.4293, 70.3172

Complementary

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



54.0138, 41.4293, 70.7955



44.7079, 62.7469, 40.3293

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.



26.0522, 41.4293, 44.9049



54.0138, 41.4293, 70.7955



32.3118, 41.4293, 16.8888

Square

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



54.0138, 41.4293, 70.7955



47.5447, 41.4293, 16.9955



27.6570, 41.4293, 26.5359



32.2033, 41.4293, 94.1031

Rectangle

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



54.0138, 41.4293, 70.7955



55.4833, 41.4293, 31.9546



27.6570, 41.4293, 26.5359



26.7353, 41.4293, 61.4546

Sweetspot

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



54.0151, 41.4312, 70.7964



86.2476, 83.1917, 103.5102



37.0105, 32.5260, 76.2798



18.2472, 17.4006, 22.0201



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.



54.0151, 41.4312, 70.7964



67.5688, 48.0779, 90.3668



49.4667, 39.6118, 46.8449



14.2260, 13.9080, 16.9602



23.9277, 11.6381, 32.6149



1.6775, 0.8143, 2.3606

Inverse Universe

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



54.0151, 41.4312, 70.7964



67.5688, 48.0779, 90.3668



48.5677, 64.2908, 60.6550



14.2260, 13.9080, 16.9602



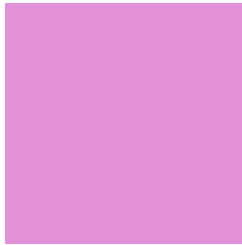
23.9277, 11.6381, 32.6149



1.6775, 0.8143, 2.3606

Previews

White Background



This preview shows how the XYZ color 54.0138, 41.4293, 70.7955 looks on a white background.

Color Contrast Check

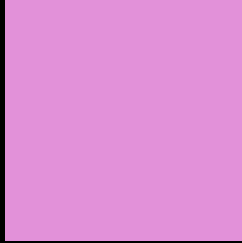
Large Text (above 18pt) WCAG AA × Fail

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 54.0138, 41.4293, 70.7955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

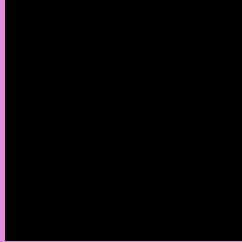
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0138, 41.4293, 70.7955

Background



This preview shows how black text looks on a background with the XYZ color 54.0138, 41.4293, 70.7955.



This preview shows how white text looks on a background with the XYZ color 54.0138, 41.4293,

70.7955.

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

54.0138, 41.4293, 70.7955

Protanopia

42.8415, 41.6756, 85.1431

Deuteranopia

42.5604, 41.6150, 68.7401



Tritanopia

48.2116, 41.4484, 42.0185

Trichromacy



Original Color

54.0138, 41.4293, 70.7955



Protanomaly

45.7101, 40.8502, 79.6044



Deuteranomaly

45.9436, 40.9438, 69.0998



Tritanomaly

49.9478, 41.1656, 51.2122

Monochromacy



Original Color

54.0138, 41.4293, 70.7955



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.4752, 42.3181, 55.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0138, 41.4293, 70.7955 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(226, 145, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 145, 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(226, 145, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 145, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.0138, 41.4293, 70.7955 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(226, 145, 217) }
```


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

```
.border{ border-color:rgb(226, 145, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 145, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 145, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 145, 217); box-shadow:4px 4px 4px 4px rgb(226, 145, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0138, 41.4293, 70.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 145, 217) }
```

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

```
.background{ background-color: rgb(226,  
145, 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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