

Converting Colors

XYZ(54.3281, 47.0850, 72.8826)

Have a look what the booklet for
XYZ(54.3281, 47.0850, 72.8826)
contains.

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Color

**XYZ(54.2052, 46.9955,
72.5438)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A7DA
RGB	214, 167, 218
RGB Percent	84%, 65%, 85%
CMY	0.1608, 0.3451, 0.1451
CMYK	0.02, 0.23, 0.00, 0.15
HSL	295°, 41%, 75%
HSV	295°, 23%, 85%
XYZ	54.2052, 46.9955, 72.5438
YIQ	186.8670, 11.6410, 25.8250

Conversions

Conversions Part 2

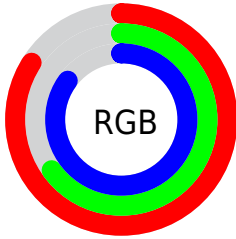
Format	Color
R_{YB}	214, 167, 218
Decimal	14067674
CIE _{Lab}	74.19, 25.90, -19.19
CIE _{LCh}	74, 32.234, 323.474
Yxy	46.9955, 0.3120, 0.2705
Android (android.graphics.Color)	4292257754 (0xFFD6A7DA)
YUV	186.8670, 15.3486, 23.7956
Hunter-Lab	68.5533, 21.1721, -14.7540

Details

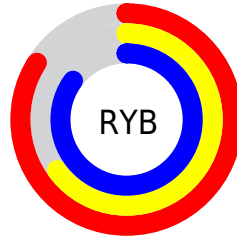
The XYZ color **54.2052, 46.9955, 72.5438** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.8426, 61.5919, 45.8756**, and the grayscale version is **47.0720, 49.5234, 53.9310**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **27.0397, 22.2767, 37.5250** is the 20% darker color. If you saturate the color by 10%, you get **50.0474, 39.4159, 71.3006**, and if you desaturate by 10%, it is **59.0443, 55.9282, 74.0136**.

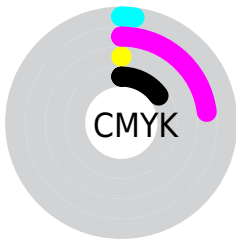
Distribution



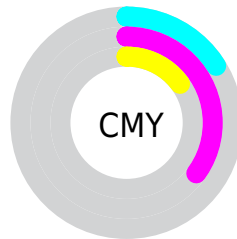
- Red (84%)
- Green (65%)
- Blue (85%)



- Red (84%)
- Yellow (65%)
- Blue (85%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2052, 46.9955, 72.5438 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 54.2052, 46.9955, 72.5438 by changing the saturation by 10% instead.


 54.2052, 46.9955,
72.5438


 54.2052, 46.9955,
72.5438


393.0776,
374.7966, 488.4605

 38.9971, 33.0321,
53.1135

 95.5306, 85.7069,
124.5443

 26.9382, 22.1510,
37.5050


 122.3786,
111.2237, 157.9515

 17.6631, 13.9679,
25.2999

153.8372,
141.3604, 196.8547

 10.8066, 8.0984,
16.0796

190.2718,
176.5014, 241.6726

 6.0033, 4.1579,
9.4255

232.0478,
217.0312, 292.8235

 2.8878, 1.7623,
4.9192

279.5306,

 1.0947, 0.4635,

263.3340, 350.7261

2.1420

333.0854,
315.7943, 415.7989

■ 0.0207, 0.0000,
0.6406

■ 0.0000, 0.0000,
0.0000

■ 54.2052, 46.9955,
72.5438

■ 54.2052, 46.9955,
72.5438

■ 50.0474, 39.4159,
71.3006

■ 59.0443, 55.9282,
74.0136

■ 46.5328, 33.1158,
70.2698

■ 64.5918, 66.2707,
75.7176

■ 43.6261, 28.0239,
69.4402

■ 70.8785, 78.0838,
77.6664

■ 41.2871, 24.0596,
68.7983

■ 77.9321, 91.4229,
79.8693

39.4704, 21.1323,
68.3290

78.7079, 92.1986,
79.9781

38.1238, 19.1374,
68.0149

79.2360, 92.4708,
80.0029

37.1840, 17.9484,
67.8350

79.7694, 92.7458,
80.0278

36.7168, 17.4663,
67.7665

80.3081, 93.0235,
80.0530

80.8522, 93.3040,
80.0785

Harmonies

Analogous

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



49.2418, 46.9955, 86.2614



54.2052, 46.9955, 72.5438



56.6419, 46.9955, 54.8728

Triad

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



54.2052, 46.9955, 72.5438



45.9426, 46.9955, 25.6180



35.2313, 46.9955, 64.9218

Complementary

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



54.2052, 46.9955, 72.5438



48.8426, 61.5919, 45.8756

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.



34.5127, 46.9955, 47.6379



54.2052, 46.9955, 72.5438



40.3863, 46.9955, 27.1792

Square

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



54.2052, 46.9955, 72.5438



51.6131, 46.9955, 29.6210



36.3204, 46.9955, 34.4703



38.3753, 46.9955, 81.2392

Rectangle

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



54.2052, 46.9955, 72.5438



56.3684, 46.9955, 44.1076



36.3204, 46.9955, 34.4703



34.7099, 46.9955, 58.9489

Sweetspot

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



54.2067, 46.9975, 72.5448



89.1045, 88.8707, 107.0652



43.2033, 42.5000, 72.2566



18.9675, 18.8270, 22.8842



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.



54.2067, 46.9975, 72.5448



74.3174, 61.5485, 102.5708



52.7830, 46.5646, 58.8807



13.5084, 13.2202, 16.4919



22.0391, 10.4858, 40.6008



1.4584, 0.6951, 2.6317

Inverse Universe

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



50.0844, 45.4851, 44.6698



67.5045, 59.0578, 56.0991



50.1134, 62.0011, 57.0463



13.0973, 13.0680, 13.7735



17.3987, 8.9605, 1.2139



1.1419, 0.5864, 0.1564

Previews

White Background



This preview shows how the XYZ color 54.2052, 46.9955, 72.5438 looks on a white background.

Color Contrast Check

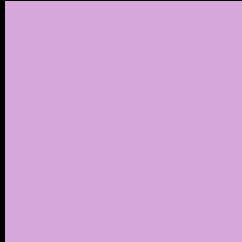
Large Text (above 18pt) WCAG AA × Fail

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 54.2052, 46.9955, 72.5438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

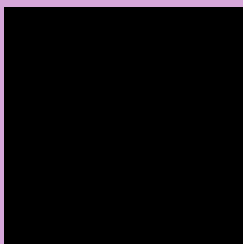
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2052, 46.9955, 72.5438

Background



This preview shows how black text looks on a background with the XYZ color 54.2052, 46.9955, 72.5438.



This preview shows how white text looks on a background with the XYZ color 54.2052, 46.9955,

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

54.2052, 46.9955, 72.5438

Protanopia

47.3221, 47.3071, 80.0358

Deuteranopia

48.0822, 46.9890, 71.5013



Tritanopia

50.1010, 46.9876, 52.8833

Trichromacy



Original Color

54.2052, 46.9955, 72.5438

Protanomaly

49.4734, 46.9973, 76.9849

Deuteranomaly

50.1661, 46.8840, 72.0511

Tritanomaly

51.6199, 47.0519, 59.7873

Monochromacy



Original Color

54.2052, 46.9955, 72.5438

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5403, 48.5901, 60.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2052, 46.9955, 72.5438 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(214, 167, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 167, 218)  
}
```

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(214, 167, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 167, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.2052, 46.9955, 72.5438 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(214, 167, 218) }
```


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

```
.border{ border-color:rgb(214, 167, 218) }
```

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

Here you see how a box with a 4 pixel rgb(214, 167, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 167, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 167, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 167,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2052, 46.9955, 72.5438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 167, 218) }
```

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

```
.background{ background-color: rgb(214,  
167, 218) }
```

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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