

Converting Colors

XYZ(54.3022, 47.0273, 78.5271)

Have a look what the booklet for
XYZ(54.3022, 47.0273, 78.5271)
contains.

XYZ(54.2622, 46.8851, 78.8629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2622, 46.8851,
78.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A7E3
RGB	210, 167, 227
RGB Percent	82%, 65%, 89%
CMY	0.1765, 0.3451, 0.1098
CMYK	0.07, 0.26, 0.00, 0.11
HSL	283°, 52%, 77%
HSV	283°, 26%, 89%
XYZ	54.2622, 46.8851, 78.8629
YIQ	186.6970, 6.3680, 27.7760

Conversions

Conversions Part 2

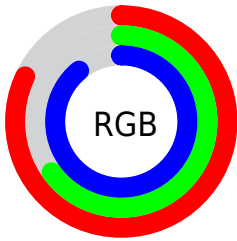
Format	Color
R _Y B	210, 167, 227
Decimal	13805539
CIE Lab	74.12, 26.35, -24.24
CIE LCh	74, 35.805, 317.393
Yxy	46.8851, 0.3014, 0.2605
Android (android.graphics.Color)	4291995619 (0xFFD2A7E3)
YUV	186.6970, 19.8694, 20.4367
Hunter-Lab	68.4727, 21.6277, -20.3559

Details

The XYZ color **54.2622, 46.8851, 78.8629** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.2129, 67.9197, 46.8139**, and the grayscale version is **46.9539, 49.3991, 53.7957**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **26.9990, 22.1703, 41.3844** is the 20% darker color. If you saturate the color by 10%, you get **48.6689, 38.3617, 77.5132**, and if you desaturate by 10%, it is **60.6620, 56.9102, 80.4614**.

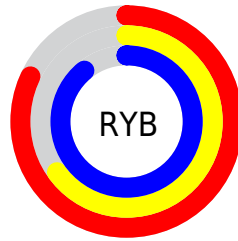
Distribution



Red (82%)

Green (65%)

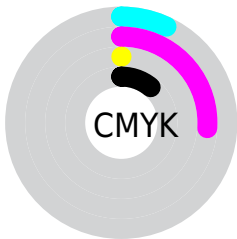
Blue (89%)



Red (82%)

Yellow (65%)

Blue (89%)

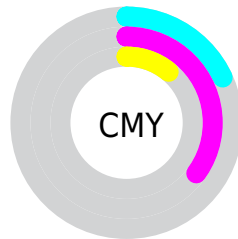


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (18%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2622, 46.8851, 78.8629 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 54.2622, 46.8851, 78.8629 by changing the saturation by 10% instead.


 54.2622, 46.8851,
78.8629


 54.2622, 46.8851,
78.8629


393.2911,
374.3557, 510.6978

 39.0428, 32.9448,
58.2624

 95.6138, 85.5421,
133.5627

 26.9739, 22.0842,
41.6036


 122.4767,
111.0276, 168.4992

 17.6901, 13.9188,
28.4678


153.9514,
141.1303, 209.0514

 10.8261, 8.0642,
18.4365

190.4035,
176.2346, 255.6380

 6.0164, 4.1361,
11.0911

232.1981,
216.7249, 308.6773

 2.8958, 1.7500,
6.0132

279.7007,

 1.0989, 0.4557,

262.9856, 368.5880

2.7842

333.2766,
315.4011, 435.7887

■ 0.0242, 0.0000,
0.9855

■ 0.0000, 0.0000,
0.0000

■ 54.2622, 46.8851,
78.8629

■ 54.2622, 46.8851,
78.8629

■ 48.6689, 38.3617,
77.5132

■ 60.6620, 56.9102,
80.4614

■ 43.8385, 31.2572,
76.3965

■ 67.9000, 68.5023,
82.3174

■ 39.7302, 25.4900,
75.4999

■ 76.0116, 81.7297,
84.4430

■ 36.2969, 20.9675,
74.8079

■ 84.1274, 94.8526,
86.5482

■ 33.4856, 17.5849,
74.3032

■ 86.2984, 95.9718,
86.6498

■ 31.2345, 15.2201,
73.9653

■ 88.5471, 97.1310,
86.7551

■ 29.4660, 13.7192,
73.7688

■ 90.8653, 98.3261,
86.8635

■ 28.9048, 13.2993,
73.7174

Harmonies

Analogous

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



48.3490, 46.8851, 92.6781



54.2622, 46.8851, 78.8629



57.7032, 46.8851, 59.1469

Triad

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



54.2622, 46.8851, 78.8629



47.3070, 46.8851, 23.7731



33.8072, 46.8851, 62.3432

Complementary

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



54.2622, 46.8851, 78.8629



54.2129, 67.9197, 46.8139

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.



33.5862, 46.8851, 43.7278



54.2622, 46.8851, 78.8629



40.9797, 46.8851, 24.2343

Square

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



54.2622, 46.8851, 78.8629



53.4367, 46.8851, 29.2307



36.0943, 46.8851, 30.6914



36.7303, 46.8851, 81.6808

Rectangle

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



54.2622, 46.8851, 78.8629



57.9348, 46.8851, 46.6420



36.0943, 46.8851, 30.6914



33.4252, 46.8851, 55.7272

Sweetspot

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



54.2637, 46.8871, 78.8639



86.7893, 86.5880, 106.7466



47.1523, 48.4615, 79.5426



18.2616, 18.0266, 22.7669



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.



54.2637, 46.8871, 78.8639



66.3101, 54.3965, 101.6124



57.7644, 48.8765, 70.6808



14.5763, 14.3993, 18.1554



16.9769, 7.8178, 42.9974



1.3444, 0.6241, 3.1816

Inverse Universe

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



54.1505, 47.4310, 51.6505



66.2835, 55.3100, 59.7179



51.5437, 66.4096, 52.7515



14.5440, 14.4348, 15.7992



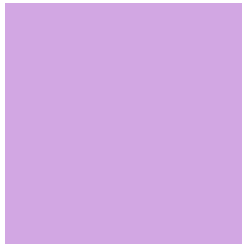
19.0633, 9.7595, 3.9621



1.4476, 0.7367, 0.4976

Previews

White Background



This preview shows how the XYZ color 54.2622, 46.8851, 78.8629 looks on a white background.

Color Contrast Check

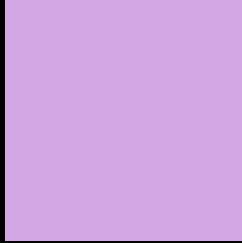
Large Text (above 18pt) WCAG AA × Fail

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 54.2622, 46.8851, 78.8629 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 54.2622, 46.8851, 78.8629

Background



This preview shows how black text looks on a background with the XYZ color 54.2622, 46.8851, 78.8629.



This preview shows how white text looks on a background with the XYZ color 54.2622, 46.8851,

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

54.2622, 46.8851, 78.8629

Protanopia

47.7558, 47.0818, 86.6915

Deuteranopia

48.3011, 47.2601, 77.8105



Tritanopia

49.1150, 46.7403, 54.0101

Trichromacy



Original Color

54.2622, 46.8851, 78.8629

Protanomaly

49.5664, 46.6104, 83.4751

Deuteranomaly

50.2926, 47.0981, 78.3916

Tritanomaly

50.6772, 46.5119, 62.1838

Monochromacy



Original Color

54.2622, 46.8851, 78.8629

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.4876, 48.5089, 62.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2622, 46.8851, 78.8629 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(210, 167, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 227)  
}
```

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(210, 167, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.2622, 46.8851, 78.8629 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(210, 167, 227) }
```


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

```
.border{ border-color:rgb(210, 167, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2622, 46.8851, 78.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 227) }
```

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

```
.background{ background-color: rgb(210,  
167, 227) }
```

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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