

# Converting Colors

XYZ(54.3537, 43.7154, 81.1458)

Have a look what the booklet for  
XYZ(54.3537, 43.7154, 81.1458)  
contains.

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# Color

**XYZ(54.4641, 43.8111,  
81.1871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D89BE7
RGB	216, 155, 231
RGB Percent	85%, 61%, 91%
CMY	0.1529, 0.3921, 0.0941
CMYK	0.06, 0.33, 0.00, 0.09
HSL	288°, 61%, 76%
HSV	288°, 33%, 91%
XYZ	54.4641, 43.8111, 81.1871
YIQ	181.9030, 11.9600, 36.5680

# Conversions

## Conversions Part 2

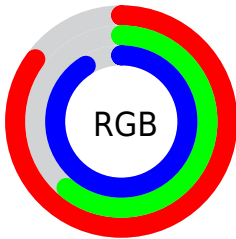
Format	Color
R <sub>Y</sub> B	216, 155, 231
Decimal	14195687
CIE Lab	72.10, 35.55, -29.46
CIE LCh	72, 46.168, 320.352
Yxy	43.8111, 0.3035, 0.2441
Android (android.graphics.Color)	4292385767 (0xFFD89BE7)
YUV	181.9030, 24.2048, 29.9031
Hunter-Lab	66.1900, 31.0455, -26.3908

# Details

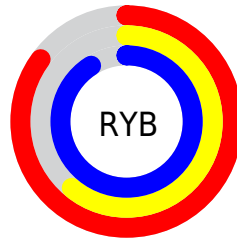
The XYZ color **54.4641, 43.8111, 81.1871** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.0712, 68.0654, 41.4585**, and the grayscale version is **44.2798, 46.5858, 50.7319**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **27.0853, 20.2692, 43.0422** is the 20% darker color. If you saturate the color by 10%, you get **49.6533, 36.1606, 79.9646**, and if you desaturate by 10%, it is **60.0505, 52.9553, 82.6583**.

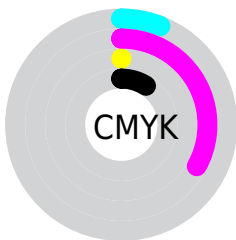
# Distribution



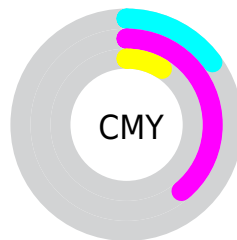
- Red (85%)
- Green (61%)
- Blue (91%)



- Red (85%)
- Yellow (61%)
- Blue (91%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)




- Cyan (15%)
- Magenta (39%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4641, 43.8111, 81.1871 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 54.4641, 43.8111, 81.1871 by changing the saturation by 10% instead.





 54.4641, 43.8111,  
81.1871


 54.4641, 43.8111,  
81.1871

394.0468,  
361.9369, 518.7364

 39.2050, 30.5220,  
60.1638


 95.9082, 80.9334,  
136.8599

 27.1007, 20.2352,  
43.1245


 122.8240,  
105.5355, 172.3465

 17.7858, 12.5661,  
29.6507


154.3559,  
134.6773, 213.4912

 10.8951, 7.1305,  
19.3238

190.8695,  
168.7433, 260.7126

 6.0631, 3.5438,  
11.7253

232.7300,  
208.1178, 314.4293

 2.9245, 1.4218,  
6.4367

280.3028,

 1.1140, 0.2327,

253.1854, 375.0598

3.0393

333.9533,  
304.3302, 443.0227

■ 0.0368, 0.0000,  
1.1147

■ 0.0000, 0.0000,  
0.0000

■ 54.4641, 43.8111,  
81.1871

■ 54.4641, 43.8111,  
81.1871

■ 49.6533, 36.1606,  
79.9646

■ 60.0505, 52.9553,  
82.6583

■ 45.5714, 29.9138,  
78.9740


■ 66.4471, 63.6652,  
84.3884


■ 42.1733, 24.9799,  
78.2008


■ 73.6918, 76.0148,  
86.3903


■ 39.4066, 21.2549,  
77.6276


■ 81.8186, 90.0717,  
88.6752


 37.2112, 18.6186,  
77.2344


 85.7122, 95.6050,  
89.5381


 35.5142, 16.9261,  
76.9972

 87.2692, 96.4077,  
89.6109

 34.5306, 16.1350,  
76.8963

 88.8654, 97.2306,  
89.6856

 90.5009, 98.0737,  
89.7622

 91.4239, 98.5496,  
89.8054

# Harmonies

## Analogous

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



47.1496, 43.8111, 101.2090



54.4641, 43.8111, 81.1871



58.4802, 43.8111, 55.3705

# Triad

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



54.4641, 43.8111, 81.1871



44.2388, 43.8111, 16.3873



28.9630, 43.8111, 64.4854

# Complementary

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



54.4641, 43.8111, 81.1871



51.0712, 68.0654, 41.4585

# 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.



28.3912, 43.8111, 40.7779



54.4641, 43.8111, 81.1871



36.5793, 43.8111, 17.4391

# Square

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



54.4641, 43.8111, 81.1871



52.1032, 43.8111, 21.4381



31.0076, 43.8111, 24.9835



32.6826, 43.8111, 89.6431



# Rectangle

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



54.4641, 43.8111, 81.1871



58.4396, 43.8111, 40.3061



31.0076, 43.8111, 24.9835



28.4163, 43.8111, 55.9533

# Sweetspot

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



54.4655, 43.8130, 81.1880



85.6205, 83.8537, 106.2804



42.3553, 41.5645, 81.3923



18.0615, 17.4989, 22.6756



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.



54.4655, 43.8130, 81.1880



64.2471, 48.5718, 100.5968



56.0874, 44.9972, 65.5341



14.7018, 14.4640, 18.1613



19.4609, 9.0983, 43.1136



1.5094, 0.7091, 3.1893



# Inverse Universe

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



51.9334, 43.3356, 43.6592



60.8084, 47.9883, 46.7066



50.1107, 67.3278, 52.3705



14.4927, 14.4143, 15.5289



18.7818, 9.6469, 2.4801



1.4204, 0.7259, 0.3543



# Previews

## White Background



This preview shows how the XYZ color 54.4641, 43.8111, 81.1871 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

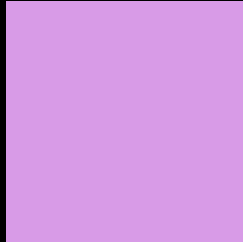
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4641, 43.8111, 81.1871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

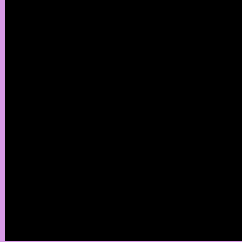
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.4641, 43.8111, 81.1871

## Background



This preview shows how black text looks on a background with the XYZ color 54.4641, 43.8111, 81.1871.



This preview shows how white text looks on a background with the XYZ color 54.4641, 43.8111,



# 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

54.4641, 43.8111, 81.1871

### Protanopia

45.6748, 44.3817, 93.3480

### Deuteranopia

45.1496, 44.1430, 78.8139



## Tritanopia

47.5034, 43.5345, 48.0188

# Trichromacy



## Original Color

54.4641, 43.8111, 81.1871



## Protanomaly

48.2399, 43.8211, 89.1349



## Deuteranomaly

47.8299, 43.5532, 79.2845



## Tritanomaly

49.6869, 43.3698, 58.5758

# Monochromacy



## Original Color

54.4641, 43.8111, 81.1871



## Achromatopsia

44.4628, 46.7784, 50.9417



## Achromatomaly

47.4260, 45.1445, 60.8577

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4641, 43.8111, 81.1871 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(216, 155, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 155, 231)  
}
```

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(216, 155, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 155, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4641, 43.8111, 81.1871 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(216, 155, 231) }
```



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

```
.border{ border-color:rgb(216, 155, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 155, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 155, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 155, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 155,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4641, 43.8111, 81.1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 155, 231) }
```

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

```
.background{ background-color: rgb(216,  
155, 231) }
```

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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