

Converting Colors

XYZ(44.5467, 33.9656, 42.7362)

Have a look what the booklet for
XYZ(44.5467, 33.9656, 42.7362)
contains.

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Color

**XYZ(44.5467, 33.9656,
42.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	DB82AB
RGB	219, 130, 171
RGB Percent	86%, 51%, 67%
CMY	0.1412, 0.4902, 0.3294
CMYK	0.00, 0.41, 0.22, 0.14
HSL	332°, 55%, 68%
HSV	332°, 41%, 86%
XYZ	44.5467, 33.9656, 42.7362
YIQ	161.2850, 39.8830, 31.6190

Conversions

Conversions Part 2

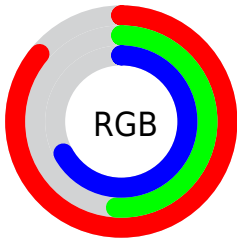
Format	Color
R _Y B	219, 130, 171
Decimal	14385835
CIE Lab	64.94, 39.53, -6.89
CIE LCh	65, 40.122, 350.111
Yxy	33.9656, 0.3674, 0.2801
Android (android.graphics.Color)	4292575915 (0xFFDB82AB)
YUV	161.2850, 4.7895, 50.6161
Hunter-Lab	58.2800, 34.4476, -2.6808

Details

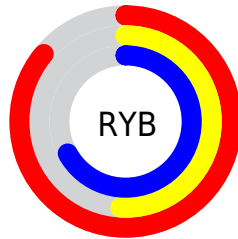
The XYZ color **44.5467, 33.9656, 42.7362** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.5748, 58.6241, 51.1939**, and the grayscale version is **33.9751, 35.7445, 38.9257**.

A 20% lighter version of the original color is **72.1080, 61.0320, 79.9314**, and **20.9545, 14.4621, 19.1398** is the 20% darker color. If you saturate the color by 10%, you get **40.8617, 28.3173, 36.1990**, and if you desaturate by 10%, it is **48.9542, 40.8971, 50.0113**.

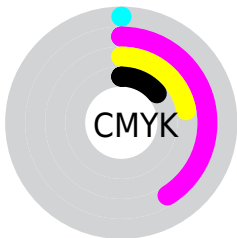
Distribution



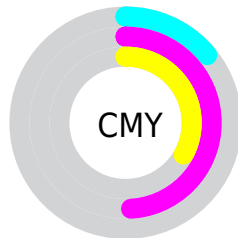
- Red (86%)
- Green (51%)
- Blue (67%)



- Red (86%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5467, 33.9656, 42.7362 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 44.5467, 33.9656, 42.7362 by changing the saturation by 10% instead.

44.5467, 33.9656,
42.7362

44.5467, 33.9656,
42.7362

355.7492,
319.9786, 373.4151

31.3003, 22.8672,
29.3483

81.2810, 65.8802,
80.5947

20.9806, 14.4955,
19.0966

105.4997, 87.4651,
105.9024

13.2222, 8.4661,
11.5626

134.1064,
113.3143, 136.0205

7.6598, 4.3946,
6.3277

167.4666,
143.8122, 171.3674

3.9280, 1.8967,
2.9734

205.9456,
179.3432, 212.3618

1.6615, 0.5464,
1.0810

249.9088,

0.4320, 0.0000,

220.2917, 259.4222

0.0000

299.7216,
267.0420, 312.9671

■ 0.0000, 0.0000,
0.0000

■ 44.5467, 33.9656,
42.7362

■ 44.5467, 33.9656,
42.7362

■ 40.8617, 28.3173,
36.1990

■ 48.9542, 40.8971,
50.0113

■ 37.8539, 23.8670,
30.3708

■ 54.1200, 49.1804,
58.0478

■ 35.4773, 20.5267,
25.2230


■ 60.0808, 58.8849,
66.8702


■ 33.6785, 18.1940,
20.7238


■ 66.8703, 70.0737,
76.5013


■ 32.3941, 16.7470,
16.8373

■ 74.5197, 82.8063,
86.9628

 31.5567, 15.9974,
13.7061

 80.9813, 92.9832,
97.5830

 82.8123, 93.7156,
107.2250

 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



41.6063, 33.9656, 61.4445



44.5467, 33.9656, 42.7362



43.9131, 33.9656, 27.0627

Triad

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



44.5467, 33.9656, 42.7362



28.6028, 33.9656, 14.3873



25.6540, 33.9656, 67.2566

Complementary

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



44.5467, 33.9656, 42.7362



42.5748, 58.6241, 51.1939

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.



22.9127, 33.9656, 49.0716



44.5467, 33.9656, 42.7362



24.4687, 33.9656, 20.0654

Square

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



44.5467, 33.9656, 42.7362



34.2342, 33.9656, 13.6175



22.5064, 33.9656, 31.7704



30.4079, 33.9656, 78.1512

Rectangle

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



44.5467, 33.9656, 42.7362



41.5734, 33.9656, 20.0024



22.5064, 33.9656, 31.7704



24.4918, 33.9656, 61.5776

Sweetspot

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



44.5477, 33.9672, 42.7369



83.5089, 80.9888, 92.5024



39.0082, 30.4836, 70.8461



17.6277, 16.9320, 19.4390



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.



44.5477, 33.9672, 42.7369



58.2641, 40.8525, 52.1700



41.6269, 33.4394, 25.3816



13.3043, 13.1508, 14.8637



18.7656, 9.5073, 8.4115



1.2589, 0.6332, 0.7723

Inverse Universe

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



44.5477, 33.9672, 42.7369



58.2641, 40.8525, 52.1700



46.5576, 58.9899, 75.9504



13.3043, 13.1508, 14.8637



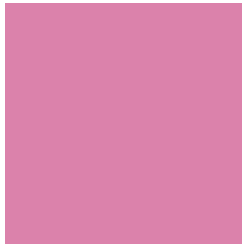
18.7656, 9.5073, 8.4115



1.2589, 0.6332, 0.7723

Previews

White Background



This preview shows how the XYZ color 44.5467, 33.9656, 42.7362 looks on a white background.

Color Contrast Check

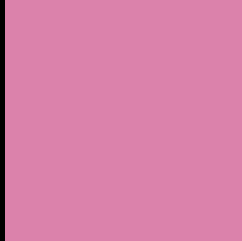
Large Text (above 18pt) WCAG AA × Fail

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 44.5467, 33.9656, 42.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

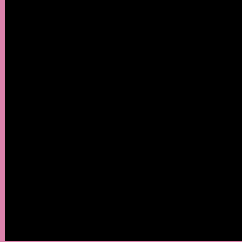
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5467, 33.9656, 42.7362

Background



This preview shows how black text looks on a background with the XYZ color 44.5467, 33.9656, 42.7362.



This preview shows how white text looks on a background with the XYZ color 44.5467, 33.9656,

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

44.5467, 33.9656, 42.7362

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

42.0937, 33.9712, 31.1266

Trichromacy



Original Color

44.5467, 33.9656, 42.7362

Protanomaly

36.7817, 33.4749, 48.7787

Deuteranomaly

37.6868, 33.6427, 41.5532

Tritanomaly

42.8355, 33.8599, 34.8498

Monochromacy



Original Color

44.5467, 33.9656, 42.7362

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.9893, 34.4744, 40.3020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5467, 33.9656, 42.7362 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(219, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 130, 171)  
}
```

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(219, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 130, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.5467, 33.9656, 42.7362 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(219, 130, 171) }
```


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

```
.border{ border-color:rgb(219, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 130,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5467, 33.9656, 42.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 130, 171) }
```

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

```
.background{ background-color: rgb(219,  
130, 171) }
```

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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