

Converting Colors

XYZ(43.4638, 33.6455, 73.6251)

Have a look what the booklet for
XYZ(43.4638, 33.6455, 73.6251)
contains.

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Color

**XYZ(43.5870, 33.8083,
73.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	C087DE
RGB	192, 135, 222
RGB Percent	75%, 53%, 87%
CMY	0.2471, 0.4706, 0.1294
CMYK	0.14, 0.39, 0.00, 0.13
HSL	279°, 57%, 70%
HSV	279°, 39%, 87%
XYZ	43.5870, 33.8083, 73.3356
YIQ	161.9610, 6.0450, 39.1410

Conversions

Conversions Part 2

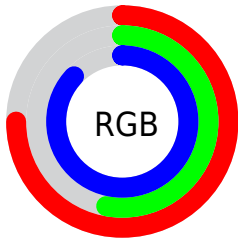
Format	Color
R_{YB}	192, 135, 222
Decimal	12617694
CIE _{Lab}	64.81, 37.26, -35.99
CIE _{LCh}	65, 51.797, 315.994
Yxy	33.8083, 0.2892, 0.2243
Android (android.graphics.Color)	4290807774 (0xFFC087DE)
YUV	161.9610, 29.5992, 26.3442
Hunter-Lab	58.1449, 32.0549, -34.0784

Details

The XYZ color **43.5870, 33.8083, 73.3356** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **46.0125, 61.9919, 32.4636**, and the grayscale version is **34.1893, 35.9698, 39.1711**.

A 20% lighter version of the original color is **75.6719, 63.9392, 102.9609**, and **20.3698, 14.4122, 37.7846** is the 20% darker color. If you saturate the color by 10%, you get **38.9186, 27.2737, 72.3209**, and if you desaturate by 10%, it is **49.0044, 41.6892, 74.5718**.

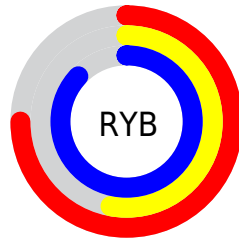
Distribution



Red (75%)

Green (53%)

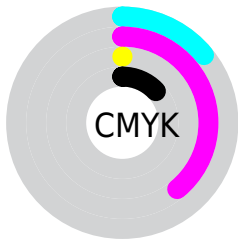
Blue (87%)



Red (75%)

Yellow (53%)

Blue (87%)

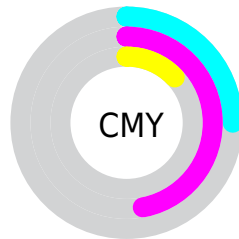


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (13%)



Cyan (25%)


Magenta (47%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5870, 33.8083, 73.3356 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 43.5870, 33.8083, 73.3356 by changing the saturation by 10% instead.


 43.5870, 33.8083,
73.3356


 43.5870, 33.8083,
73.3356

351.9010,
319.2764, 491.2791


 30.5425, 22.7464,
53.7569


 79.8461, 65.6354,
125.6789

 20.4008, 14.4063,
38.0155


 103.7914, 87.1695,
159.2805

 12.7967, 8.4038,
25.6928


 132.1010,
112.9629, 198.3936

 7.3647, 4.3544,
16.3703

165.1403,
143.4003, 243.4366

 3.7396, 1.8737,
9.6294

203.2746,
178.8659, 294.8281

 1.5559, 0.5325,
5.0515

246.8692,

 0.3634, 0.0000,

219.7442, 352.9867

2.2183

296.2896,
266.4196, 418.3308

■ 0.0000, 0.0000,
0.6849

■ 0.0000, 0.0000,
0.0000

■ 43.5870, 33.8083,
73.3356

■ 43.5870, 33.8083,
73.3356

■ 38.9186, 27.2737,
72.3209

■ 49.0044, 41.6892,
74.5718

■ 34.9535, 21.9995,
71.5118

■ 55.2056, 50.9868,
76.0395

■ 31.6466, 17.8963,
70.8941

■ 62.2274, 61.7716,
77.7511

■ 28.9448, 14.8607,
70.4506

■ 70.1032, 74.1081,
79.7172

26.7860, 12.7706,
70.1610

78.8643, 88.0570,
81.9479

25.0712, 11.4306,
69.9927

84.1823, 94.9595,
82.9999

24.9413, 11.3346,
69.9810

86.8066, 96.3124,
83.1227

89.5415, 97.7223,
83.2507

90.1849, 98.0540,
83.2808

Harmonies

Analogous

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



36.2478, 33.8083, 92.0628



43.5870, 33.8083, 73.3356



48.1465, 33.8083, 47.6690

Triad

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



43.5870, 33.8083, 73.3356



35.7297, 33.8083, 9.6177



20.2292, 33.8083, 49.3221

Complementary

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



43.5870, 33.8083, 73.3356



46.0125, 61.9919, 32.4636

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.



20.1348, 33.8083, 27.7422



43.5870, 33.8083, 73.3356



28.3435, 33.8083, 9.7691

Square

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



43.5870, 33.8083, 73.3356



43.1575, 33.8083, 14.4739



22.8863, 33.8083, 15.0212



23.1679, 33.8083, 74.9417

Rectangle

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



43.5870, 33.8083, 73.3356



48.6034, 33.8083, 32.6886



22.8863, 33.8083, 15.0212



19.8812, 33.8083, 41.2672

Sweetspot

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



43.5882, 33.8097, 73.3363



82.2773, 80.0600, 105.7244



36.7141, 37.4991, 74.4108



17.3353, 16.7118, 22.5620



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.



43.5882, 33.8097, 73.3363



54.3711, 38.8368, 99.2383



50.2915, 37.4598, 64.8697



13.8122, 13.6867, 17.3015



14.9384, 6.7963, 41.5728



1.1306, 0.5201, 2.8860

Inverse Universe

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



45.5807, 35.5754, 40.0629



57.8087, 41.7833, 46.3404



41.4633, 59.5340, 37.3450



13.9014, 13.7782, 15.2507



18.7267, 9.5577, 5.2265



1.3392, 0.6789, 0.5788

Previews

White Background



This preview shows how the XYZ color 43.5870, 33.8083, 73.3356 looks on a white background.

Color Contrast Check

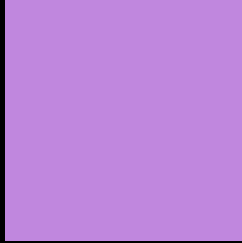
Large Text (above 18pt) WCAG AA × Fail

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 43.5870, 33.8083, 73.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

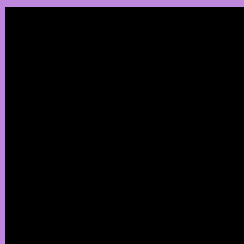
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5870, 33.8083, 73.3356

Background



This preview shows how black text looks on a background with the XYZ color 43.5870, 33.8083, 73.3356.



This preview shows how white text looks on a background with the XYZ color 43.5870, 33.8083,

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

43.5870, 33.8083, 73.3356

Protanopia

36.0560, 34.2049, 85.5908

Deuteranopia

35.0246, 34.2422, 71.0931



Tritanopia

36.2265, 33.6630, 37.8460

Trichromacy



Original Color

43.5870, 33.8083, 73.3356



Protanomaly

37.9179, 33.5853, 80.8281



Deuteranomaly

37.4766, 33.5634, 71.5210



Tritanomaly

38.6194, 33.5029, 49.2310

Monochromacy



Original Color

43.5870, 33.8083, 73.3356



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

37.1135, 34.8014, 50.1086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5870, 33.8083, 73.3356 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(192, 135, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 222)  
}
```

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(192, 135, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 222) }
```

Border

The CSS property to change the border of an element to XYZ 43.5870, 33.8083, 73.3356 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(192, 135, 222) }
```


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

```
.border{ border-color:rgb(192, 135, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 222);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5870, 33.8083, 73.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 135, 222) }
```

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

```
.background{ background-color: rgb(192,  
135, 222) }
```

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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