

Converting Colors

XYZ(43.5088, 33.3609, 74.7256)

Have a look what the booklet for
XYZ(43.5088, 33.3609, 74.7256)
contains.

XYZ(43.5803, 33.3633, 74.6638)	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(43.5803, 33.3633,
74.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	C085E0
RGB	192, 133, 224
RGB Percent	75%, 52%, 88%
CMY	0.2471, 0.4784, 0.1216
CMYK	0.14, 0.41, 0.00, 0.12
HSL	279°, 59%, 70%
HSV	279°, 41%, 88%
XYZ	43.5803, 33.3633, 74.6638
YIQ	161.0150, 5.9530, 40.8090

Conversions

Conversions Part 2

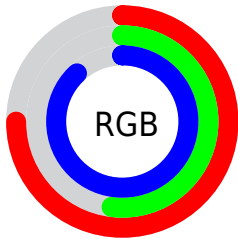
Format	Color
R_{YB}	192, 133, 224
Decimal	12617184
CIE _{Lab}	64.45, 38.77, -37.65
CIE _{LCh}	64, 54.045, 315.839
Yxy	33.3633, 0.2875, 0.2201
Android (android.graphics.Color)	4290807264 (0xFFC085E0)
YUV	161.0150, 31.0516, 27.1738
Hunter-Lab	57.7610, 33.5955, -36.2076

Details

The XYZ color **43.5803, 33.3633, 74.6638** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **46.4072, 63.0048, 31.9069**, and the grayscale version is **33.7426, 35.4999, 38.6594**.

A 20% lighter version of the original color is **75.2447, 63.0846, 102.8185**, and **20.4017, 14.1801, 38.7075** is the 20% darker color. If you saturate the color by 10%, you get **38.8931, 26.8703, 73.6581**, and if you desaturate by 10%, it is **49.0304, 41.2219, 75.8939**.

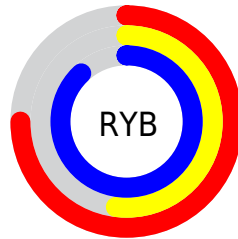
Distribution



Red (75%)

Green (52%)

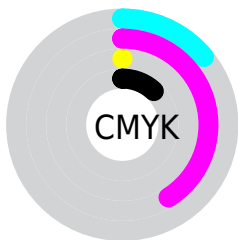
Blue (88%)



Red (75%)

Yellow (52%)

Blue (88%)

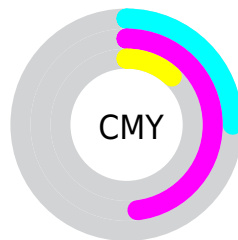


Cyan (14%)

Magenta (41%)

Yellow (0%)

Black (12%)



Cyan (25%)


Magenta (48%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5803, 33.3633, 74.6638 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 43.5803, 33.3633, 74.6638 by changing the saturation by 10% instead.


 43.5803, 33.3633,
74.6638

 43.5803, 33.3633,
74.6638

351.8740,
317.2836, 495.9858

 30.5372, 22.4049,
54.8374


 79.8361, 64.9423,
127.5791

 20.3968, 14.1547,
38.8739


 103.7795, 86.3317,
161.5050

 12.7937, 8.2284,
26.3545


 132.0870,
111.9669, 200.9680

 7.3627, 4.2414,
16.8609

165.1240,
142.2323, 246.3864

 3.7383, 1.8095,
9.9745

203.2559,
177.5123, 298.1788

 1.5552, 0.4931,
5.2766

246.8479,

 0.3629, 0.0000,

218.1912, 356.7638

2.3489

296.2655,
264.6535, 422.5600

■ 0.0000, 0.0000,
0.7584

■ 0.0000, 0.0000,
0.0000

■ 43.5803, 33.3633,
74.6638

■ 43.5803, 33.3633,
74.6638

■ 38.8931, 26.8703,
73.6581

■ 49.0304, 41.2219,
75.8939

■ 34.9219, 21.6539,
72.8605

■ 55.2799, 50.5192,
77.3591

■ 31.6191, 17.6211,
72.2562

■ 62.3667, 61.3280,
79.0719

■ 28.9296, 14.6638,
71.8271

■ 70.3253, 73.7149,
81.0434

■ 26.7878, 12.6535,
71.5520

■ 79.1881, 87.7424,
83.2838

■ 25.1727, 11.4227,
71.3996

■ 84.9002, 95.2984,
84.4412

■ 87.6218, 96.7015,
84.5686

■ 90.4546, 98.1619,
84.7012

Harmonies

Analogous

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



35.9320, 33.3633, 94.3991



43.5803, 33.3633, 74.6638



48.3680, 33.3633, 47.7361

Triad

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



43.5803, 33.3633, 74.6638



35.4779, 33.3633, 8.7512



19.4793, 33.3633, 49.1924

Complementary

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



43.5803, 33.3633, 74.6638



46.4072, 63.0048, 31.9069

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.



19.3982, 33.3633, 26.8980



43.5803, 33.3633, 74.6638



27.8339, 33.3633, 8.8765

Square

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



43.5803, 33.3633, 74.6638



43.2017, 33.3633, 13.5869



22.2196, 33.3633, 14.0487



22.4628, 33.3633, 76.0950

Rectangle

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



43.5803, 33.3633, 74.6638



48.8647, 33.3633, 32.1760



22.2196, 33.3633, 14.0487



19.1302, 33.3633, 40.8205

Sweetspot

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



43.5815, 33.3647, 74.6645



82.2048, 80.0226, 105.7210



36.8315, 37.7756, 75.8717



17.3182, 16.7029, 22.5612



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.



43.5815, 33.3647, 74.6645



52.9211, 37.0566, 98.9711



50.9957, 37.3703, 66.7253



13.8029, 13.6819, 17.3011



14.7812, 6.7153, 41.5655



1.1204, 0.5149, 2.8856

Inverse Universe

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



45.9204, 35.3402, 39.9994



56.8681, 40.2941, 44.8184



41.4507, 60.3471, 36.3068



13.9053, 13.7797, 15.2714



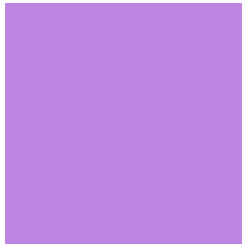
18.7592, 9.5707, 5.3976



1.3417, 0.6800, 0.5924

Previews

White Background



This preview shows how the XYZ color 43.5803, 33.3633, 74.6638 looks on a white background.

Color Contrast Check

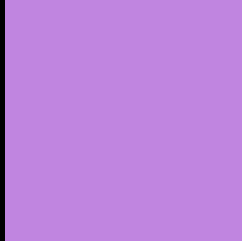
Large Text (above 18pt) WCAG AA × Fail

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 43.5803, 33.3633, 74.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

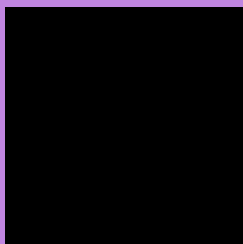
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5803, 33.3633, 74.6638

Background



This preview shows how black text looks on a background with the XYZ color 43.5803, 33.3633, 74.6638.



This preview shows how white text looks on a background with the XYZ color 43.5803, 33.3633,

74.6638.

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

43.5803, 33.3633, 74.6638

Protanopia

35.8902, 33.8220, 87.8558

Deuteranopia

34.4711, 33.6783, 72.3939



Tritanopia

35.9831, 33.3157, 37.3349

Trichromacy



Original Color

43.5803, 33.3633, 74.6638

Protanomaly

37.6687, 32.9455, 82.9710

Deuteranomaly

37.0024, 33.0565, 72.8369

Tritanomaly

38.4699, 33.2040, 49.1812

Monochromacy



Original Color

43.5803, 33.3633, 74.6638

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.7316, 34.3646, 50.0445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5803, 33.3633, 74.6638 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, 133, 224)` looks like.

```
.text, #text, p{  
    color:rgb(192, 133, 224)  
}
```

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, 133, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 133, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.5803, 33.3633, 74.6638 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, 133, 224) }
```


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

```
.border{ border-color:rgb(192, 133, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 133, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 133, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 133, 224);  
box-shadow:4px 4px 4px 4px rgb(192, 133,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5803, 33.3633, 74.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 133, 224) }
```

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

```
.background{ background-color: rgb(192,  
133, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor