

Converting Colors

XYZ(43.6944, 33.2885, 71.5577)

Have a look what the booklet for
XYZ(43.6944, 33.2885, 71.5577)
contains.

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Color

**XYZ(43.6752, 33.2719,
71.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	C384DC
RGB	195, 132, 220
RGB Percent	76%, 52%, 86%
CMY	0.2353, 0.4823, 0.1373
CMYK	0.11, 0.40, 0.00, 0.14
HSL	283°, 56%, 69%
HSV	283°, 40%, 86%
XYZ	43.6752, 33.2719, 71.8303
YIQ	160.8690, 9.3000, 40.7240

Conversions

Conversions Part 2

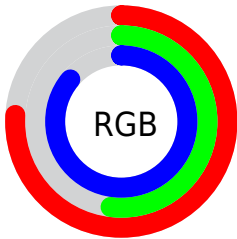
Format	Color
RYB	195, 132, 220
Decimal	12813532
CIELab	64.38, 39.37, -35.52
CIELCh	64, 53.023, 317.943
Yxy	33.2719, 0.2936, 0.2236
Android (android.graphics.Color)	4291003612 (0xFFC384DC)
YUV	160.8690, 29.1516, 29.9329
Hunter-Lab	57.6818, 34.2125, -33.4557

Details

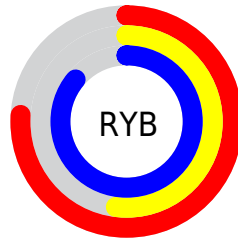
The XYZ color **43.6752, 33.2719, 71.8303** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **43.6636, 60.0212, 31.1151**, and the grayscale version is **33.6824, 35.4366, 38.5904**.

A 20% lighter version of the original color is **76.1169, 63.2205, 102.7987**, and **20.5492, 14.1769, 37.2507** is the 20% darker color. If you saturate the color by 10%, you get **39.4195, 27.1072, 70.8652**, and if you desaturate by 10%, it is **48.6298, 40.7323, 73.0097**.

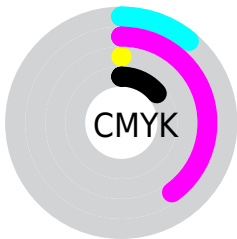
Distribution



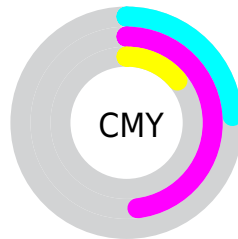
- Red (76%)
- Green (52%)
- Blue (86%)



- Red (76%)
- Yellow (52%)
- Blue (86%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)





- Cyan (24%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6752, 33.2719, 71.8303 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 43.6752, 33.2719, 71.8303 by changing the saturation by 10% instead.


 43.6752, 33.2719,
71.8303

 43.6752, 33.2719,
71.8303

352.2558,
316.8732, 485.9124


 30.6121, 22.3348,
52.5341

 79.9782, 64.7998,
123.5207

 20.4540, 14.1031,
37.0458


 103.9487, 86.1594,
156.7520

 12.8357, 8.1924,
24.9469


 132.2857,
111.7620, 195.4653

 7.3917, 4.2183,
15.8188

165.3546,
141.9919, 240.0793

 3.7567, 1.7964,
9.2431

203.5207,
177.2336, 291.0125

 1.5655, 0.4849,
4.8011

247.1494,

 0.3697, 0.0000,

217.8714, 348.6833

2.0743

296.6060,
264.2898, 413.5105

■ 0.0000, 0.0000,
0.6004

■ 0.0000, 0.0000,
0.0000

■ 43.6752, 33.2719,
71.8303

■ 43.6752, 33.2719,
71.8303

■ 39.4195, 27.1072,
70.8652

■ 48.6298, 40.7323,
73.0097

■ 35.8186, 22.1537,
70.0989


■ 54.3171, 49.5574,
74.4134


■ 32.8284, 18.3237,
69.5172


■ 60.7725, 59.8162,
76.0533


■ 30.3972, 15.5153,
69.1033


■ 68.0284, 71.5719,
77.9399


 28.4641, 13.6075,
68.8369


 76.1148, 84.8836,
80.0831


 26.9213, 12.3862,
68.6825

 82.1201, 93.9272,
81.5122

 26.9210, 12.3860,
68.6825

 84.1911, 94.9948,
81.6091

 86.3350, 96.1001,
81.7095

 88.5526, 97.2433,
81.8132

Harmonies

Analogous

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



36.3109, 33.2719, 91.9324



43.6752, 33.2719, 71.8303



48.0536, 33.2719, 45.6261

Triad

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



43.6752, 33.2719, 71.8303



34.7548, 33.2719, 8.8805



19.7246, 33.2719, 50.6063

Complementary

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



43.6752, 33.2719, 71.8303



43.6636, 60.0212, 31.1151

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.



19.4443, 33.2719, 28.2172



43.6752, 33.2719, 71.8303



27.3587, 33.2719, 9.3204

Square

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



43.6752, 33.2719, 71.8303



42.3810, 33.2719, 13.2940



22.0225, 33.2719, 14.9021



22.8610, 33.2719, 76.7009

Rectangle

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



43.6752, 33.2719, 71.8303



48.2933, 33.2719, 30.7801



22.0225, 33.2719, 14.9021



19.3137, 33.2719, 42.2823

Sweetspot

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



43.6763, 33.2733, 71.8310



82.9271, 80.3950, 105.7548



34.7304, 34.6646, 72.5711



17.4886, 16.7908, 22.5692



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.



43.6763, 33.2733, 71.8310



55.9671, 39.1369, 99.2121



48.4755, 36.0026, 60.5209



13.2351, 13.0793, 16.4791



15.9139, 7.3281, 40.3141



1.1139, 0.5175, 2.6156

Inverse Universe

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



43.8532, 34.1538, 36.1805



56.5824, 40.7295, 41.6192



40.5828, 58.2819, 37.7975



13.2074, 13.1120, 14.3532



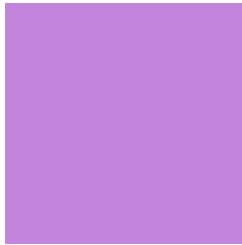
17.8821, 9.1539, 3.7590



1.1951, 0.6077, 0.4364

Previews

White Background



This preview shows how the XYZ color 43.6752, 33.2719, 71.8303 looks on a white background.

Color Contrast Check

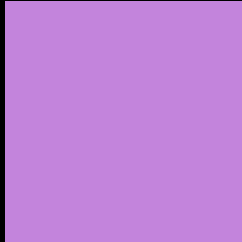
Large Text (above 18pt) WCAG AA × Fail

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 43.6752, 33.2719, 71.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

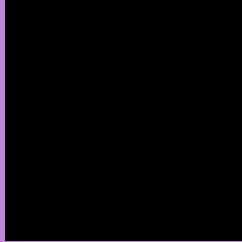
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6752, 33.2719, 71.8303

Background



This preview shows how black text looks on a background with the XYZ color 43.6752, 33.2719, 71.8303.



This preview shows how white text looks on a background with the XYZ color 43.6752, 33.2719,

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

43.6752, 33.2719, 71.8303

Protanopia

35.7406, 33.7963, 85.5285

Deuteranopia

34.2668, 33.3874, 69.6041



Tritanopia

36.6144, 33.4312, 36.4214

Trichromacy



Original Color

43.6752, 33.2719, 71.8303

Protanomaly

37.6516, 33.0027, 79.9870

Deuteranomaly

36.9038, 32.8366, 70.0387

Tritanomaly

38.7494, 33.1639, 47.5390

Monochromacy



Original Color

43.6752, 33.2719, 71.8303

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5834, 34.0743, 48.9048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6752, 33.2719, 71.8303 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(195, 132, 220)` looks like.

```
.text, #text, p{  
    color:rgb(195, 132, 220)  
}
```

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(195, 132, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 132, 220) }
```

Border

The CSS property to change the border of an element to XYZ 43.6752, 33.2719, 71.8303 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(195, 132, 220) }
```


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

```
.border{ border-color:rgb(195, 132, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 132, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 132, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 132, 220);  
box-shadow:4px 4px 4px 4px rgb(195, 132,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6752, 33.2719, 71.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 132, 220) }
```

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

```
.background{ background-color: rgb(195,  
132, 220) }
```

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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