

Converting Colors

XYZ(43.1717, 37.2793, 52.5940)

Have a look what the booklet for
XYZ(43.1717, 37.2793, 52.5940)
contains.

XYZ(43.2721, 37.4493, 52.5247)	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(43.2721, 37.4493,
52.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	C696BC
RGB	198, 150, 188
RGB Percent	78%, 59%, 74%
CMY	0.2235, 0.4117, 0.2627
CMYK	0.00, 0.24, 0.05, 0.22
HSL	313°, 30%, 68%
HSV	313°, 24%, 78%
XYZ	43.2721, 37.4493, 52.5247
YIQ	168.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

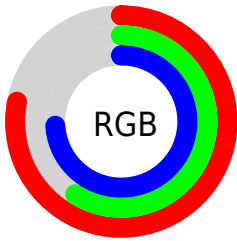
Format	Color
R_{YB}	198, 150, 188
Decimal	13014716
CIE _{Lab}	67.61, 24.24, -12.69
CIE _{LCh}	68, 27.367, 332.363
Yxy	37.4493, 0.3248, 0.2811
Android (android.graphics.Color)	4291204796 (0xFFC696BC)
YUV	168.6840, 9.5228, 25.7101
Hunter-Lab	61.1958, 19.1262, -8.0518

Details

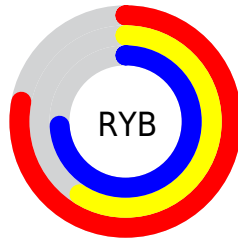
The XYZ color **43.2721, 37.4493, 52.5247** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.1184, 49.4113, 40.7354**, and the grayscale version is **37.5058, 39.4590, 42.9708**.

A 20% lighter version of the original color is **79.4005, 71.4543, 95.1952**, and **20.3366, 16.6022, 25.0544** is the 20% darker color. If you saturate the color by 10%, you get **39.9375, 31.4811, 49.2506**, and if you desaturate by 10%, it is **47.1555, 44.4936, 56.0453**.

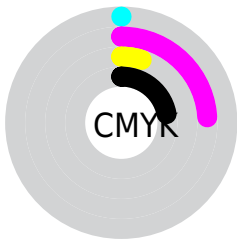
Distribution



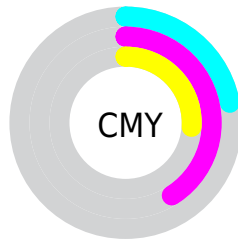
- Red (78%)
- Green (59%)
- Blue (74%)



- Red (78%)
- Yellow (59%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2721, 37.4493, 52.5247 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 43.2721, 37.4493, 52.5247 by changing the saturation by 10% instead.


 43.2721, 37.4493,
52.5247


 43.2721, 37.4493,
52.5247

350.6322,
335.2517, 413.4734

 30.2941, 25.5556,
37.0384


 79.3745, 71.2633,
95.3390

 20.2111, 16.4914,
24.9412

 103.2296, 93.9523,
123.5041

 12.6578, 9.8726,
15.8146


131.4410,
121.0085, 156.7325

 7.2687, 5.3146,
9.2401

164.3743,
152.8164, 195.4428

 3.6785, 2.4330,
4.7992

202.3947,
189.7602, 240.0535

 1.5219, 0.8428,
2.0733

245.8676,

 0.3407, 0.0000,

232.2244, 290.9831

0.5998

295.1583,
280.5935, 348.6502

■ 0.0000, 0.0000,
0.0000

■ 43.2721, 37.4493,
52.5247

■ 43.2721, 37.4493,
52.5247

■ 39.9375, 31.4811,
49.2506

■ 47.1555, 44.4936,
56.0453

■ 37.1214, 26.5304,
46.2111

■ 51.6094, 52.6588,
59.8189

■ 34.7957, 22.5404,
43.3968

■ 56.6583, 61.9936,
63.8545

■ 32.9282, 19.4469,
40.7964

■ 62.3244, 72.5418,
68.1602

■ 31.4827, 17.1778,
38.3973

■ 68.6287, 84.3454,
72.7433

■ 30.4175, 15.6498,
36.1850

■ 71.0278, 88.3174,
76.0898

■ 29.6820, 14.7621,
34.1422

■ 71.5575, 88.5293,
78.8789

■ 29.3532, 14.4316,
33.0240

■ 72.1005, 88.7465,
81.7387

■ 72.6571, 88.9692,
84.6696

Harmonies

Analogous

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



40.1137, 37.4493, 63.7052



43.2721, 37.4493, 52.5247



44.3265, 37.4493, 39.8259

Triad

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



43.2721, 37.4493, 52.5247



35.2611, 37.4493, 21.6957



29.1751, 37.4493, 54.5127

Complementary

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



43.2721, 37.4493, 52.5247



39.1184, 49.4113, 40.7354

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.



28.0917, 37.4493, 41.7409



43.2721, 37.4493, 52.5247



31.4280, 37.4493, 24.1375

Square

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



43.2721, 37.4493, 52.5247



39.4899, 37.4493, 23.4688



28.8833, 37.4493, 30.9244



31.9640, 37.4493, 65.0031

Rectangle

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



43.2721, 37.4493, 52.5247



43.6323, 37.4493, 32.5631



28.8833, 37.4493, 30.9244



28.6098, 37.4493, 50.2652

Sweetspot

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



43.2732, 37.4510, 52.5255



89.0246, 88.8980, 103.9661



35.5184, 33.3243, 57.9868



18.9490, 18.8334, 22.1643



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.



43.2732, 37.4510, 52.5255



73.4418, 60.5952, 89.9464



40.9334, 36.5150, 40.2040



10.9848, 10.7773, 12.9032



19.1208, 9.3979, 21.6440



0.9299, 0.4548, 1.1539

Inverse Universe

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



43.2732, 37.4510, 52.5255



73.4418, 60.5952, 89.9464



41.3829, 50.3171, 52.6600



10.9848, 10.7773, 12.9032



19.1208, 9.3979, 21.6440



0.9299, 0.4548, 1.1539

Previews

White Background



This preview shows how the XYZ color 43.2721, 37.4493, 52.5247 looks on a white background.

Color Contrast Check

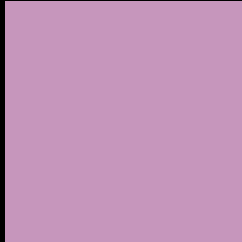
Large Text (above 18pt) WCAG AA × Fail

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 43.2721, 37.4493, 52.5247 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 43.2721, 37.4493, 52.5247

Background



This preview shows how black text looks on a background with the XYZ color 43.2721, 37.4493, 52.5247.



This preview shows how white text looks on a background with the XYZ color 43.2721, 37.4493,

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

43.2721, 37.4493, 52.5247

Protanopia

37.4541, 37.8512, 58.1553

Deuteranopia

38.4024, 37.6928, 51.7058



Tritanopia

40.9442, 37.4665, 41.1502

Trichromacy



Original Color

43.2721, 37.4493, 52.5247

Protanomaly

39.3693, 37.5756, 56.2168

Deuteranomaly

40.0827, 37.5256, 52.1443

Tritanomaly

41.7962, 37.5742, 45.0941

Monochromacy



Original Color

43.2721, 37.4493, 52.5247

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.5792, 38.6785, 46.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2721, 37.4493, 52.5247 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(198, 150, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 188)  
}
```

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(198, 150, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.2721, 37.4493, 52.5247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

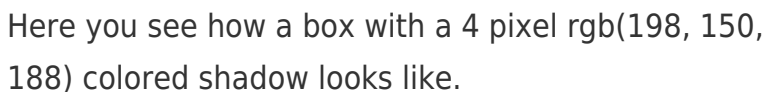
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 150, 188) }
```


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

```
.border{ border-color:rgb(198, 150, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 150, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 150, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 150, 188); box-shadow:4px 4px 4px 4px rgb(198, 150, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2721, 37.4493, 52.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 188) }
```

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

```
.background{ background-color: rgb(198,  
150, 188) }
```

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