

Converting Colors

XYZ(41.6569, 34.2673, 44.8204)

Have a look what the booklet for
XYZ(41.6569, 34.2673, 44.8204)
contains.

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Color

**XYZ(41.5991, 34.2569,
44.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8BAF
RGB	203, 139, 175
RGB Percent	80%, 55%, 69%
CMY	0.2039, 0.4549, 0.3137
CMYK	0.00, 0.32, 0.14, 0.20
HSL	326°, 38%, 67%
HSV	326°, 32%, 80%
XYZ	41.5991, 34.2569, 44.9772
YIQ	162.2400, 26.5880, 24.7640

Conversions

Conversions Part 2

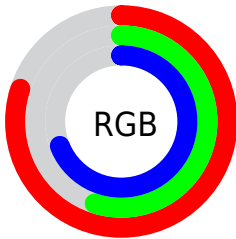
Format	Color
R_{YB}	203, 139, 175
Decimal	13339567
CIE _{Lab}	65.17, 29.77, -9.01
CIE _{LCh}	65, 31.102, 343.163
Yxy	34.2569, 0.3443, 0.2835
Android (android.graphics.Color)	4291529647 (0xFFCB8BAF)
YUV	162.2400, 6.2907, 35.7465
Hunter-Lab	58.5294, 24.4404, -4.5911

Details

The XYZ color **41.5991, 34.2569, 44.9772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.9799, 50.9918, 44.3495**, and the grayscale version is **34.4187, 36.2111, 39.4339**.

A 20% lighter version of the original color is **74.7338, 65.1695, 84.2414**, and **19.2776, 14.7054, 20.5613** is the 20% darker color. If you saturate the color by 10%, you get **38.0844, 28.5777, 39.6425**, and if you desaturate by 10%, it is **45.7189, 41.0537, 50.7975**.

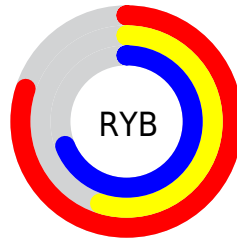
Distribution



Red (80%)

Green (55%)

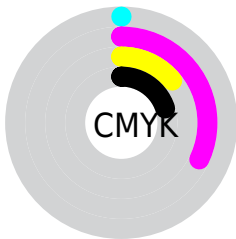
Blue (69%)



Red (80%)

Yellow (55%)

Blue (69%)

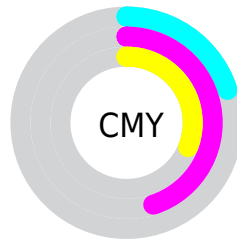


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5991, 34.2569, 44.9772 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 41.5991, 34.2569, 44.9772 by changing the saturation by 10% instead.

41.5991, 34.2569,
44.9772

41.5991, 34.2569,
44.9772

343.8383,
321.2760, 382.8386

28.9772, 23.0910,
31.0966

76.8615, 66.3330,
84.0043

19.2078, 14.6607,
20.4134

100.2327, 88.0120,
109.9879

11.9254, 8.5816,
12.5088

127.9178,
113.9641, 140.8429

6.7648, 4.4693,
6.9645

160.2821,
144.5738, 176.9880

3.3604, 1.9394,
3.3618

197.6910,
180.2255, 218.8415

1.3471, 0.5719,
1.2822

240.5097,

0.2181, 0.0000,

221.3034, 266.8221

0.0471

289.1037,
268.1922, 321.3483

■ 0.0000, 0.0000,
0.0000

■ 41.5991, 34.2569,
44.9772

■ 41.5991, 34.2569,
44.9772

■ 38.0844, 28.5777,
39.6425

■ 45.7189, 41.0537,
50.7975

■ 35.1406, 23.9504,
34.7754

■ 50.4699, 49.0197,
57.1162

■ 32.7341, 20.3097,
30.3596


■ 55.8800, 58.2088,
63.9481


■ 30.8269, 17.5810,
26.3767


■ 61.9747, 68.6703,
71.3066


■ 29.3753, 15.6790,
22.8061


■ 68.7781, 80.4508,
79.2048


 28.3274, 14.5019,
19.6244

 74.4330, 89.8343,
87.0281

 27.6765, 13.9157,
17.2014

 75.7003, 90.3412,
93.7016

 77.0319, 90.8738,
100.7138

 78.4287, 91.4326,
108.0694

Harmonies

Analogous

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



38.8692, 34.2569, 58.5401



41.5991, 34.2569, 44.9772



41.7690, 34.2569, 31.9183

Triad

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



41.5991, 34.2569, 44.9772



30.6224, 34.2569, 17.9461



26.6279, 34.2569, 57.0307

Complementary

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



41.5991, 34.2569, 44.9772



38.9799, 50.9918, 44.3495

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.



24.8153, 34.2569, 43.2549



41.5991, 34.2569, 44.9772



26.9736, 34.2569, 21.9414

Square

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



41.5991, 34.2569, 44.9772



35.1408, 34.2569, 18.2007



24.9357, 34.2569, 30.5501



30.1091, 34.2569, 66.5266

Rectangle

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



41.5991, 34.2569, 44.9772



40.3840, 34.2569, 25.2824



24.9357, 34.2569, 30.5501



25.8183, 34.2569, 52.6255

Sweetspot

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



41.6001, 34.2585, 44.9779



86.5858, 85.5914, 98.3104



35.8936, 30.9653, 60.5855



18.2589, 17.8565, 20.6906



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.



41.6001, 34.2585, 44.9779



65.4439, 50.5318, 68.9918



38.8407, 33.1547, 30.4469



11.4721, 11.3176, 13.0209



17.6595, 8.8744, 11.1916



0.9488, 0.4729, 0.7760

Inverse Universe

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



41.6001, 34.2585, 44.9779



65.4439, 50.5318, 68.9918



42.2824, 52.3128, 61.7402



11.4721, 11.3176, 13.0209



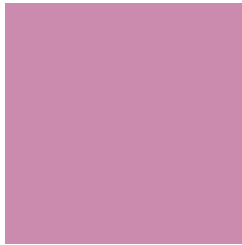
17.6595, 8.8744, 11.1916



0.9488, 0.4729, 0.7760

Previews

White Background



This preview shows how the XYZ color 41.5991, 34.2569, 44.9772 looks on a white background.

Color Contrast Check

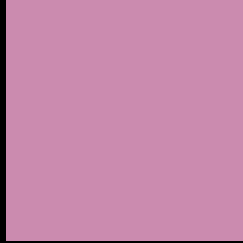
Large Text (above 18pt) WCAG AA × Fail

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 41.5991, 34.2569, 44.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

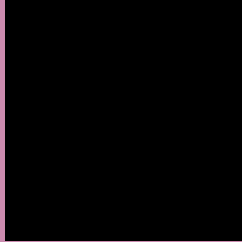
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5991, 34.2569, 44.9772

Background



This preview shows how black text looks on a background with the XYZ color 41.5991, 34.2569, 44.9772.



This preview shows how white text looks on a background with the XYZ color 41.5991, 34.2569,

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

41.5991, 34.2569, 44.9772

Protanopia

34.1635, 34.4741, 51.8673

Deuteranopia

35.1504, 34.4146, 43.8198



Tritanopia

39.4746, 34.2574, 35.1036

Trichromacy



Original Color

41.5991, 34.2569, 44.9772

Protanomaly

36.2482, 33.8895, 49.4306

Deuteranomaly

37.3463, 34.3358, 44.1943

Tritanomaly

40.2820, 34.3721, 38.6938

Monochromacy



Original Color

41.5991, 34.2569, 44.9772

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.6621, 35.2483, 41.4305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5991, 34.2569, 44.9772 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(203, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 139, 175)  
}
```

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(203, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 139, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.5991, 34.2569, 44.9772 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(203, 139, 175) }
```


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

```
.border{ border-color:rgb(203, 139, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 139,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5991, 34.2569, 44.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 139, 175) }
```

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

```
.background{ background-color: rgb(203,  
139, 175) }
```

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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