

Converting Colors

XYZ(41.2755, 34.1642, 41.9796)

Have a look what the booklet for
XYZ(41.2755, 34.1642, 41.9796)
contains.

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Color

**XYZ(41.2959, 34.1672,
41.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8BA9
RGB	204, 139, 169
RGB Percent	80%, 55%, 66%
CMY	0.2000, 0.4549, 0.3373
CMYK	0.00, 0.32, 0.17, 0.20
HSL	332°, 39%, 67%
HSV	332°, 32%, 80%
XYZ	41.2959, 34.1672, 41.9545
YIQ	161.8550, 29.1100, 23.1100

Conversions

Conversions Part 2

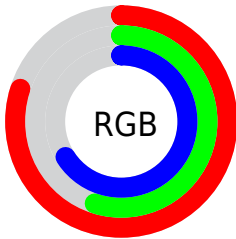
Format	Color
R_{YB}	204, 139, 169
Decimal	13405097
CIE Lab	65.10, 29.15, -5.72
CIE LCh	65, 29.705, 348.905
Yxy	34.1672, 0.3517, 0.2910
Android (android.graphics.Color)	4291595177 (0xFFCC8BA9)
YUV	161.8550, 3.5225, 36.9612
Hunter-Lab	58.4527, 23.8151, -1.6386

Details

The XYZ color **41.2959, 34.1672, 41.9545** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8818, 51.7316, 47.9301**, and the grayscale version is **34.2502, 36.0339, 39.2409**.

A 20% lighter version of the original color is **73.7645, 64.7817, 79.1373**, and **19.0950, 14.6534, 18.6516** is the 20% darker color. If you saturate the color by 10%, you get **37.6248, 28.4064, 35.8547**, and if you desaturate by 10%, it is **45.6068, 41.0680, 48.6958**.

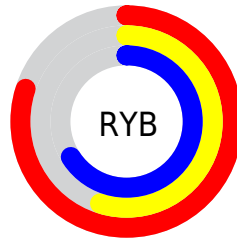
Distribution



Red (80%)

Green (55%)

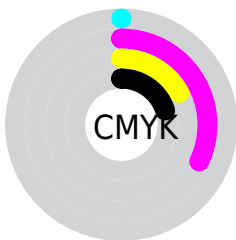
Blue (66%)



Red (80%)

Yellow (55%)

Blue (66%)

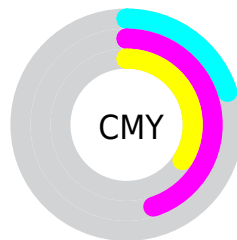


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2959, 34.1672, 41.9545 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 41.2959, 34.1672, 41.9545 by changing the saturation by 10% instead.


 41.2959, 34.1672,
41.9545


 41.2959, 34.1672,
41.9545

342.5973,
320.8769, 370.0884


 28.7391, 23.0221,
28.7404


 76.4047, 66.1936,
79.4001

 19.0268, 14.6098,
18.6406


 99.6875, 87.8437,
104.4687

 11.7938, 8.5460,
11.2367


 127.2762,
113.7641, 134.3257

 6.6746, 4.4463,
6.1101

159.5363,
144.3395, 169.3899

 3.3040, 1.9262,
2.8423

196.8331,
179.9540, 210.0797

 1.3165, 0.5641,
1.0147

239.5319,

 0.1955, 0.0000,

220.9922, 256.8137

0.0000

287.9982,
267.8384, 310.0104

■ 0.0000, 0.0000,
0.0000

■ 41.2959, 34.1672,
41.9545

■ 41.2959, 34.1672,
41.9545

■ 37.6248, 28.4064,
35.8547

■ 45.6068, 41.0680,
48.6958

■ 34.5577, 23.7188,
30.3730

■ 50.5848, 49.1617,
56.0968

■ 32.0597, 20.0374,
25.4872

■ 56.2594, 58.5034,
64.1774

■ 30.0907, 17.2861,
21.1726

■ 62.6573, 69.1434,
72.9559

■ 28.6052, 15.3775,
17.4022

■ 69.8036, 81.1291,
82.4499

■ 27.5490, 14.2073,
14.1457

■ 75.6448, 90.3506,
91.9838

■ 26.9290, 13.6483,
11.8394

■ 77.2809, 91.0050,
100.5994

■ 78.7120, 91.5775,
108.1354

Harmonies

Analogous

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



39.1225, 34.1672, 55.0661



41.2959, 34.1672, 41.9545



40.9543, 34.1672, 30.0366

Triad

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



41.2959, 34.1672, 41.9545



29.8656, 34.1672, 18.9765



27.3311, 34.1672, 58.0854

Complementary

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



41.2959, 34.1672, 41.9545



39.8818, 51.7316, 47.9301

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.



25.2550, 34.1672, 45.4256



41.2959, 34.1672, 41.9545



26.6265, 34.1672, 23.6916

Square

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



41.2959, 34.1672, 41.9545



34.0944, 34.1672, 18.4479



25.0090, 34.1672, 32.8232



30.9075, 34.1672, 65.6588

Rectangle

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



41.2959, 34.1672, 41.9545



39.3533, 34.1672, 24.2094



25.0090, 34.1672, 32.8232



26.4486, 34.1672, 54.1690

Sweetspot

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



41.2969, 34.1688, 41.9552



85.3152, 83.9427, 95.1354



37.5145, 31.7871, 61.2854



17.9888, 17.5212, 19.9689



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.



41.2969, 34.1688, 41.9552



64.2420, 50.0511, 62.6623



39.1128, 33.8021, 28.8910



11.4241, 11.2984, 12.7679



16.9953, 8.6087, 7.6939



0.9149, 0.4594, 0.5979

Inverse Universe

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



41.2969, 34.1688, 41.9552



64.2420, 50.0511, 62.6623



42.6291, 52.0123, 64.9197



11.4241, 11.2984, 12.7679



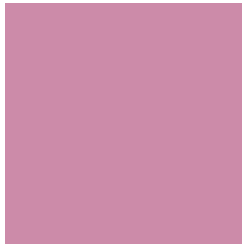
16.9953, 8.6087, 7.6939



0.9149, 0.4594, 0.5979

Previews

White Background



This preview shows how the XYZ color 41.2959, 34.1672, 41.9545 looks on a white background.

Color Contrast Check

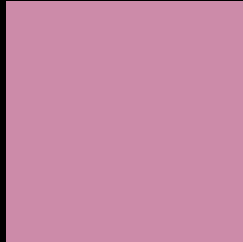
Large Text (above 18pt) WCAG AA × Fail

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 41.2959, 34.1672, 41.9545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

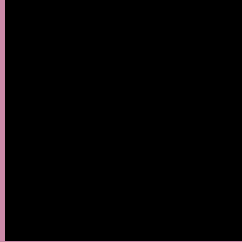
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2959, 34.1672, 41.9545

Background



This preview shows how black text looks on a background with the XYZ color 41.2959, 34.1672, 41.9545.



This preview shows how white text looks on a background with the XYZ color 41.2959, 34.1672,

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

41.2959, 34.1672, 41.9545

Protanopia

33.8128, 34.3778, 48.0335

Deuteranopia

35.0161, 34.4104, 40.8727



Tritanopia

39.7799, 34.2025, 34.6421

Trichromacy



Original Color

41.2959, 34.1672, 41.9545

Protanomaly

35.9764, 33.8315, 45.7083

Deuteranomaly

37.0139, 34.2300, 41.2154

Tritanomaly

40.4115, 34.2495, 37.2818

Monochromacy



Original Color

41.2959, 34.1672, 41.9545

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.4786, 35.1749, 40.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2959, 34.1672, 41.9545 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(204, 139, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 139, 169)  
}
```

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(204, 139, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 139, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.2959, 34.1672, 41.9545 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(204, 139, 169) }
```


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

```
.border{ border-color:rgb(204, 139, 169) }
```

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

Here you see how a box with a 4 pixel rgb(204, 139, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 139, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 139, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 139,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2959, 34.1672, 41.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 139, 169) }
```

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

```
.background{ background-color: rgb(204,  
139, 169) }
```

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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