

Converting Colors

XYZ(45.3891, 34.3832, 59.7542)

Have a look what the booklet for
XYZ(45.3891, 34.3832, 59.7542)
contains.

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Color

**XYZ(45.3722, 34.4212,
59.5109)**

Conversions

Conversions Part 1

Format	Color
Hex	D284C9
RGB	210, 132, 201
RGB Percent	82%, 52%, 79%
CMY	0.1765, 0.4823, 0.2118
CMYK	0.00, 0.37, 0.04, 0.18
HSL	307°, 46%, 67%
HSV	307°, 37%, 82%
XYZ	45.3722, 34.4212, 59.5109
YIQ	163.1880, 24.3390, 37.9950

Conversions

Conversions Part 2

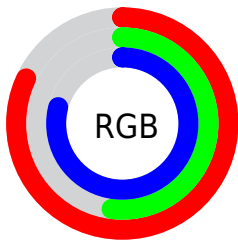
Format	Color
R _Y B	210, 132, 201
Decimal	13796553
CIE Lab	65.30, 40.36, -23.36
CIE LCh	65, 46.629, 329.940
Yxy	34.4212, 0.3257, 0.2471
Android (android.graphics.Color)	4291986633 (0xFFD284C9)
YUV	163.1880, 18.6413, 41.0541
Hunter-Lab	58.6696, 35.3714, -19.0715

Details

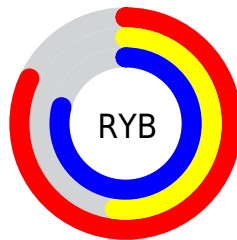
The XYZ color **45.3722, 34.4212, 59.5109** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.3715, 52.9229, 33.4468**, and the grayscale version is **34.8092, 36.6219, 39.8813**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **21.4615, 14.7139, 29.3127** is the 20% darker color. If you saturate the color by 10%, you get **42.5234, 29.1756, 57.1662**, and if you desaturate by 10%, it is **48.8008, 40.8180, 62.0718**.

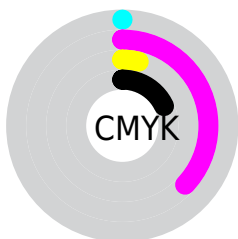
Distribution



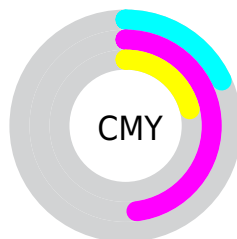
- Red (82%)
- Green (52%)
- Blue (79%)



- Red (82%)
- Yellow (52%)
- Blue (79%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3722, 34.4212, 59.5109 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 45.3722, 34.4212, 59.5109 by changing the saturation by 10% instead.


 45.3722, 34.4212,
59.5109


 45.3722, 34.4212,
59.5109

359.0373,
322.0061, 440.5471


 31.9532, 23.2174,
42.6018


 82.5123, 66.5881,
105.6563

 21.4811, 14.7541,
29.2437


 106.9641, 88.3200,
135.7296

 13.5906, 8.6470,
19.0181


 135.8242,
114.3301, 171.0281

 7.9163, 4.5116,
11.5064

169.4581,
145.0026, 211.9703

 4.0928, 1.9637,
6.2901

208.2309,
180.7221, 258.9748

 1.7548, 0.5862,
2.9507

252.5082,

 0.4902, 0.0000,

221.8729, 312.4601

1.0695

302.6552,
268.8395, 372.8446

■ 0.0000, 0.0000,
0.0000

■ 45.3722, 34.4212,
59.5109

■ 45.3722, 34.4212,
59.5109

■ 42.5234, 29.1756,
57.1662

■ 48.8008, 40.8180,
62.0718

■ 40.2166, 25.0075,
55.0239

■ 52.8377, 48.4247,
64.8574

■ 38.4145, 21.8416,
53.0717


■ 57.5135, 57.3018,
67.8783


■ 37.0737, 19.5912,
51.2953


■ 62.8554, 67.5041,
71.1438


■ 36.1434, 18.1550,
49.6775


■ 68.8896, 79.0834,
74.6626


 35.5559, 17.3970,
48.1956

 74.6740, 90.1559,
78.1209

 35.4169, 17.2371,
47.7856

 74.9888, 90.2819,
79.7787

 75.3083, 90.4097,
81.4610

 75.6324, 90.5393,
83.1678

Harmonies

Analogous

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



39.6773, 34.4212, 80.1339



45.3722, 34.4212, 59.5109



47.5920, 34.4212, 37.5181

Triad

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



45.3722, 34.4212, 59.5109



32.7300, 34.4212, 11.1378



22.6535, 34.4212, 59.4183

Complementary

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



45.3722, 34.4212, 59.5109



37.3715, 52.9229, 33.4468

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.



21.3165, 34.4212, 37.4396



45.3722, 34.4212, 59.5109



26.6212, 34.4212, 13.5119

Square

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



45.3722, 34.4212, 59.5109



39.7043, 34.4212, 13.5318



22.6642, 34.4212, 21.6912



26.6005, 34.4212, 80.0687

Rectangle

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



45.3722, 34.4212, 59.5109



46.5939, 34.4212, 26.1151



22.6642, 34.4212, 21.6912



21.9104, 34.4212, 51.7370

Sweetspot

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



45.3733, 34.4227, 59.5116



86.2286, 83.1841, 103.4102



30.6672, 26.7155, 64.5138



18.2426, 17.3988, 21.9961



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.



45.3733, 34.4227, 59.5116



66.6454, 46.4856, 89.2743



41.4597, 32.8573, 38.9029



12.2496, 11.9846, 14.5902



21.6276, 10.5239, 29.2746



1.2263, 0.5953, 1.7267

Inverse Universe

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



45.3733, 34.4227, 59.5116



66.6454, 46.4856, 89.2743



40.6801, 54.2464, 50.8698



12.2496, 11.9846, 14.5902



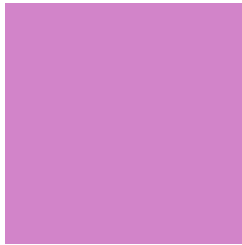
21.6276, 10.5239, 29.2746



1.2263, 0.5953, 1.7267

Previews

White Background



This preview shows how the XYZ color 45.3722, 34.4212, 59.5109 looks on a white background.

Color Contrast Check

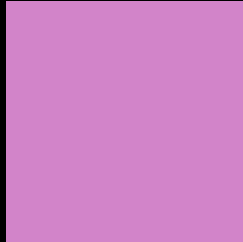
Large Text (above 18pt) WCAG AA × Fail

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 45.3722, 34.4212, 59.5109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

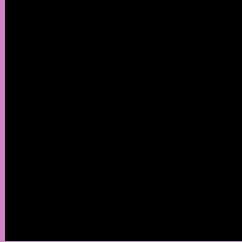
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3722, 34.4212, 59.5109

Background



This preview shows how black text looks on a background with the XYZ color 45.3722, 34.4212, 59.5109.



This preview shows how white text looks on a background with the XYZ color 45.3722, 34.4212,

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

45.3722, 34.4212, 59.5109

Protanopia

35.6584, 34.8039, 71.8563

Deuteranopia

35.4841, 34.7767, 57.6657



Tritanopia

40.3246, 34.4833, 34.6676

Trichromacy



Original Color

45.3722, 34.4212, 59.5109

Protanomaly

37.9906, 33.9326, 66.8347

Deuteranomaly

38.3060, 34.0586, 57.9811

Tritanomaly

41.7978, 34.2010, 42.4287

Monochromacy



Original Color

45.3722, 34.4212, 59.5109

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.9864, 35.3341, 46.4130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3722, 34.4212, 59.5109 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(210, 132, 201)` looks like.

```
.text, #text, p{  
    color:rgb(210, 132, 201)  
}
```

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(210, 132, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 132, 201) }
```

Border

The CSS property to change the border of an element to XYZ 45.3722, 34.4212, 59.5109 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(210, 132, 201) }
```


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

```
.border{ border-color:rgb(210, 132, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 132, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 132, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 132, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 132,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3722, 34.4212, 59.5109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 132, 201) }
```

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

```
.background{ background-color: rgb(210,  
132, 201) }
```

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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