

Converting Colors

XYZ(42.9653, 25.7009, 39.7420)

Have a look what the booklet for
XYZ(42.9653, 25.7009, 39.7420)
contains.

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Color

**XYZ(42.9653, 25.7009,
39.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	E751A8
RGB	231, 81, 168
RGB Percent	91%, 32%, 66%
CMY	0.0941, 0.6823, 0.3412
CMYK	0.00, 0.65, 0.27, 0.09
HSL	325°, 76%, 61%
HSV	325°, 65%, 91%
XYZ	42.9653, 25.7009, 39.7420
YIQ	135.7680, 61.4730, 58.8570

Conversions

Conversions Part 2

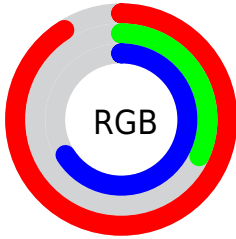
Format	Color
R _Y B	231, 81, 168
Decimal	15159720
CIE Lab	57.75, 65.84, -15.77
CIE LCh	58, 67.700, 346.528
Yxy	25.7009, 0.3963, 0.2371
Android (android.graphics.Color)	4293349800 (0xFFE751A8)
YUV	135.7680, 15.8904, 83.5185
Hunter-Lab	50.6961, 62.5620, -10.9918

Details

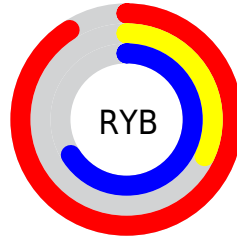
The XYZ color **42.9653, 25.7009, 39.7420** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **37.0047, 60.9156, 36.1963**, and the grayscale version is **23.2426, 24.4531, 26.6294**.

A 20% lighter version of the original color is **63.7919, 45.0530, 75.1459**, and **19.9470, 9.9189, 17.3862** is the 20% darker color. If you saturate the color by 10%, you get **40.6608, 22.4847, 34.6793**, and if you desaturate by 10%, it is **45.9224, 30.1138, 45.3555**.

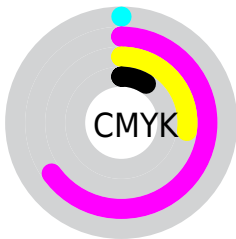
Distribution



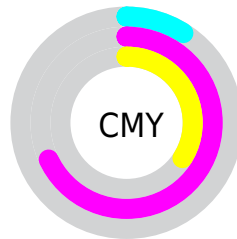
- Red (91%)
- Green (32%)
- Blue (66%)



- Red (91%)
- Yellow (32%)
- Blue (66%)



- Cyan (0%)
- Magenta (65%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9653, 25.7009, 39.7420 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 42.9653, 25.7009, 39.7420 by changing the saturation by 10% instead.

 42.9653, 25.7009,
39.7420


 42.9653, 25.7009,
39.7420

349.3930,
281.3107, 360.5546


 30.0523, 16.6000,
27.0252


 78.9145, 52.7920,
76.0033


 20.0266, 9.9497,
17.3595


 102.6815, 71.5511,
100.3848

 12.5227, 5.3656,
10.3265


 130.7971, 94.2983,
129.4917

 7.1754, 2.4634,
5.5075

 163.6268,
121.4180, 163.7424

 3.6194, 0.8582,
2.4841

201.5358,
153.2948, 203.5555

 1.4891, 0.0000,
0.8317

244.8897,

 0.3184, 0.0000,

190.3129, 249.3495

0.0000

294.0536,
232.8567, 301.5431

■ 0.0000, 0.0000,
0.0000

■ 42.9653, 25.7009,
39.7420

■ 42.9653, 25.7009,
39.7420

■ 40.6608, 22.4847,
34.6793

■ 45.9224, 30.1138,
45.3555

■ 38.9431, 20.3368,
30.1376

■ 49.5845, 35.8268,
51.5435

■ 37.7355, 19.1059,
26.0840


■ 54.0011, 42.9364,
58.3296


■ 37.2565, 18.7095,
24.1929


■ 59.2164, 51.5287,
65.7351

■ 65.2710, 61.6830,
73.7799

 72.2027, 73.4729,
82.4828

 80.0469, 86.9671,
91.8618

 85.2915, 95.1395,
100.7521

 86.7651, 95.7290,
108.5123

Harmonies

Analogous

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



37.5943, 25.7009, 71.3744



42.9653, 25.7009, 39.7420



42.6522, 25.7009, 17.0974

Triad

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



42.9653, 25.7009, 39.7420



20.2517, 25.7009, 3.2841



15.1869, 25.7009, 74.5667

Complementary

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



42.9653, 25.7009, 39.7420



37.0047, 60.9156, 36.1963

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.



12.3129, 25.7009, 42.7221



42.9653, 25.7009, 39.7420



14.7623, 25.7009, 7.1215

Square

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



42.9653, 25.7009, 39.7420



28.2473, 25.7009, 3.1385



12.1770, 25.7009, 18.8090



20.9694, 25.7009, 97.8390

Rectangle

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



42.9653, 25.7009, 39.7420



39.2375, 25.7009, 8.9202



12.1770, 25.7009, 18.8090



13.9106, 25.7009, 63.9086

Sweetspot

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



42.9661, 25.7022, 39.7425



78.3888, 71.6458, 88.0299



28.7822, 17.5404, 77.4702



16.3162, 14.5607, 18.2254



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.



42.9661, 25.7022, 39.7425



50.0534, 27.0558, 41.3414



37.8965, 23.6744, 13.0464



14.7257, 14.5075, 16.7560



20.9497, 10.5141, 13.8961



1.5942, 0.7954, 1.2698

Inverse Universe

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



42.9661, 25.7022, 39.7425



50.0534, 27.0558, 41.3414



44.6906, 63.9900, 76.6698



14.7257, 14.5075, 16.7560



20.9497, 10.5141, 13.8961



1.5942, 0.7954, 1.2698

Previews

White Background



This preview shows how the XYZ color 42.9653, 25.7009, 39.7420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9653, 25.7009, 39.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

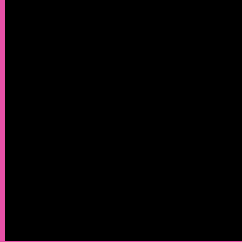
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.9653, 25.7009, 39.7420

Background



This preview shows how black text looks on a background with the XYZ color 42.9653, 25.7009, 39.7420.



This preview shows how white text looks on a background with the XYZ color 42.9653, 25.7009,

39.7420.

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

42.9653, 25.7009, 39.7420

Protanopia

27.4011, 26.0902, 63.2662

Deuteranopia

26.4770, 25.9860, 36.8780



Tritanopia

38.1374, 25.7176, 16.0506

Trichromacy



Original Color

42.9653, 25.7009, 39.7420



Protanomaly

29.8916, 23.7409, 53.4591



Deuteranomaly

30.5354, 24.2491, 37.7215



Tritanomaly

39.5668, 25.5085, 22.9169

Monochromacy



Original Color

42.9653, 25.7009, 39.7420



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

28.3853, 23.2868, 31.0157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9653, 25.7009, 39.7420 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(231, 81, 168)` looks like.

```
.text, #text, p{  
    color:rgb(231, 81, 168)  
}
```

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(231, 81, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 81, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.9653, 25.7009, 39.7420 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(231, 81, 168) }
```


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

```
.border{ border-color:rgb(231, 81, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 81, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 81, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 81, 168);  
box-shadow:4px 4px 4px 4px rgb(231, 81,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9653, 25.7009, 39.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 81, 168) }
```

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

```
.background{ background-color: rgb(231, 81,  
168) }
```

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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