

Converting Colors

XYZ(49.7983, 34.2879, 41.5297)

Have a look what the booklet for
XYZ(49.7983, 34.2879, 41.5297)
contains.

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Color

**XYZ(49.7983, 34.2879,
41.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	F175A9
RGB	241, 117, 169
RGB Percent	95%, 46%, 66%
CMY	0.0549, 0.5411, 0.3373
CMYK	0.00, 0.51, 0.30, 0.05
HSL	335°, 82%, 70%
HSV	335°, 51%, 95%
XYZ	49.7983, 34.2879, 41.5297
YIQ	160.0040, 57.2120, 42.4600

Conversions

Conversions Part 2

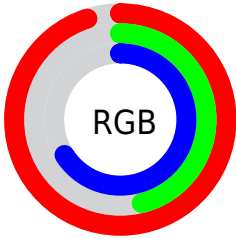
Format	Color
R _Y B	241, 117, 169
Decimal	15824297
CIE Lab	65.19, 53.12, -5.06
CIE LCh	65, 53.365, 354.560
Yxy	34.2879, 0.3964, 0.2730
Android (android.graphics.Color)	4294014377 (0xFFFF175A9)
YUV	160.0040, 4.4350, 71.0335
Hunter-Lab	58.5559, 49.3309, -1.0613

Details

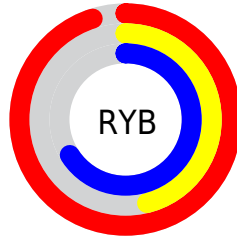
The XYZ color **49.7983, 34.2879, 41.5297** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.9784, 70.3674, 59.2013**, and the grayscale version is **33.3783, 35.1166, 38.2419**.

A 20% lighter version of the original color is **69.4471, 56.1469, 77.6982**, and **24.2249, 14.6747, 18.3853** is the 20% darker color. If you saturate the color by 10%, you get **46.0988, 28.8800, 34.1580**, and if you desaturate by 10%, it is **54.3631, 41.2008, 49.8843**.

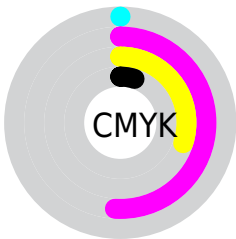
Distribution



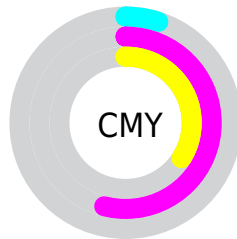
- Red (95%)
- Green (46%)
- Blue (66%)



- Red (95%)
- Yellow (46%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7983, 34.2879, 41.5297 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 49.7983, 34.2879, 41.5297 by changing the saturation by 10% instead.


 49.7983, 34.2879,
41.5297

 49.7983, 34.2879,
41.5297

376.3417,
321.4139, 368.2716


 35.4703, 23.1149,
28.4104


 89.0696, 66.3811,
78.7497

 24.1936, 14.6783,
18.3935


 114.7435, 88.0701,
103.6875

 15.6028, 8.5940,
11.0605


 144.9302,
114.0332, 133.4019

 9.3326, 4.4773,
5.9929

179.9950,
144.6548, 168.3115

 5.0176, 1.9440,
2.7720

220.3031,
180.3192, 208.8347

 2.2924, 0.5746,
0.9794

266.2201,

 0.7908, 0.0000,

221.4110, 255.3901

0.0000

318.1111,
268.3144, 308.3962

■ 0.0000, 0.0000,
0.0000

■ 49.7983, 34.2879,
41.5297

■ 49.7983, 34.2879,
41.5297

■ 46.0988, 28.8800,
34.1580

■ 54.3631, 41.2008,
49.8843

■ 43.2006, 24.8568,
27.7250

■ 59.8450, 49.7166,
59.2589

■ 41.0349, 22.0881,
22.1855

■ 66.2952, 59.9306,
69.6907

■ 39.5186, 20.4156,
17.4876

■ 73.7600, 71.9294,
81.2143

■ 38.6275, 19.6415,
14.0821

■ 82.2827, 85.7936,
93.8626

89.7599, 97.3105,
106.9521

90.0857, 97.4408,
108.6677

Harmonies

Analogous

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



46.3077, 34.2879, 67.9682



49.7983, 34.2879, 41.5297



48.1172, 34.2879, 22.2502

Triad

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



49.7983, 34.2879, 41.5297



26.7773, 34.2879, 10.4080



24.6866, 34.2879, 84.0436

Complementary

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



49.7983, 34.2879, 41.5297



47.9784, 70.3674, 59.2013

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.



20.8234, 34.2879, 58.0414



49.7983, 34.2879, 41.5297



21.8896, 34.2879, 17.6450

Square

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



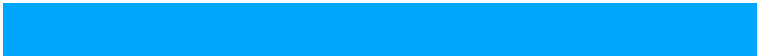
49.7983, 34.2879, 41.5297



34.0236, 34.2879, 8.9188



19.8870, 34.2879, 33.4303



31.1965, 34.2879, 98.0109

Rectangle

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



49.7983, 34.2879, 41.5297



44.4084, 34.2879, 14.6738



19.8870, 34.2879, 33.4303



23.0792, 34.2879, 76.0210

Sweetspot

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



49.7993, 34.2896, 41.5303



80.6663, 76.6281, 87.4722



42.7989, 29.6740, 86.6910



16.8801, 15.7811, 18.1278



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.



49.7993, 34.2896, 41.5303



52.1339, 32.4423, 38.2566



46.8552, 34.7218, 21.0643



16.0478, 15.8688, 17.8077



21.0106, 10.6767, 7.9725



1.7964, 0.9076, 0.9189

Inverse Universe

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



49.7993, 34.2896, 41.5303



52.1339, 32.4423, 38.2566



52.2779, 68.2605, 93.6394



16.0478, 15.8688, 17.8077



21.0106, 10.6767, 7.9725



1.7964, 0.9076, 0.9189

Previews

White Background



This preview shows how the XYZ color 49.7983, 34.2879, 41.5297 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 49.7983, 34.2879, 41.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

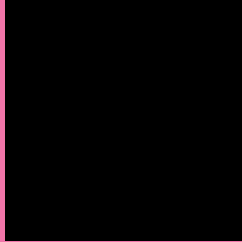
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7983, 34.2879, 41.5297

Background



This preview shows how black text looks on a background with the XYZ color 49.7983, 34.2879, 41.5297.



This preview shows how white text looks on a background with the XYZ color 49.7983, 34.2879,

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

49.7983, 34.2879, 41.5297

Protanopia

34.4850, 34.5381, 56.4787

Deuteranopia

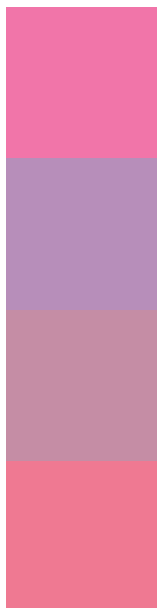
35.1797, 34.5262, 39.4604



Tritanopia

46.7012, 34.2859, 26.3467

Trichromacy



Original Color

49.7983, 34.2879, 41.5297

Protanomaly

38.0644, 32.9585, 50.8098

Deuteranomaly

39.3424, 33.6367, 40.0163

Tritanomaly

47.6223, 34.1008, 31.2663

Monochromacy



Original Color

49.7983, 34.2879, 41.5297

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.5704, 33.4097, 39.1189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7983, 34.2879, 41.5297 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(241, 117, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 117, 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(241, 117, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 117, 169) }
```

Border

The CSS property to change the border of an element to XYZ 49.7983, 34.2879, 41.5297 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(241, 117, 169) }
```


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

```
.border{ border-color:rgb(241, 117, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 117, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 117, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 117, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 117,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7983, 34.2879, 41.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 117, 169) }
```

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

```
.background{ background-color: rgb(241,  
117, 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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