

Converting Colors

XYZ(48.9879, 35.5451, 48.5349)

Have a look what the booklet for
XYZ(48.9879, 35.5451, 48.5349)
contains.

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Color

**XYZ(48.9879, 35.5451,
48.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	E77FB6
RGB	231, 127, 182
RGB Percent	91%, 50%, 71%
CMY	0.0941, 0.5019, 0.2863
CMYK	0.00, 0.45, 0.21, 0.09
HSL	328°, 68%, 70%
HSV	328°, 45%, 91%
XYZ	48.9879, 35.5451, 48.5349
YIQ	164.3660, 44.3290, 39.1530

Conversions

Conversions Part 2

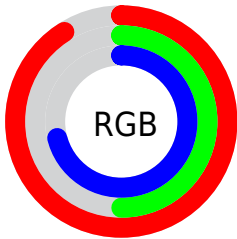
Format	Color
R _Y B	231, 127, 182
Decimal	15171510
CIE Lab	66.17, 46.70, -11.10
CIE LCh	66, 48.003, 346.625
Yxy	35.5451, 0.3681, 0.2671
Android (android.graphics.Color)	4293361590 (0xFFE77FB6)
YUV	164.3660, 8.6936, 58.4380
Hunter-Lab	59.6197, 42.3341, -6.5327

Details

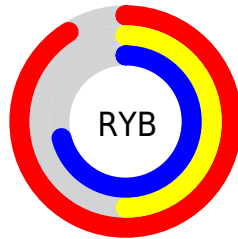
The XYZ color **48.9879, 35.5451, 48.5349** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.1665, 64.7995, 51.2045**, and the grayscale version is **35.4071, 37.2510, 40.5663**.

A 20% lighter version of the original color is **73.4006, 60.8889, 88.7730**, and **23.6448, 15.3668, 22.4887** is the 20% darker color. If you saturate the color by 10%, you get **45.2579, 29.8155, 41.9559**, and if you desaturate by 10%, it is **53.4913, 42.6808, 55.8038**.

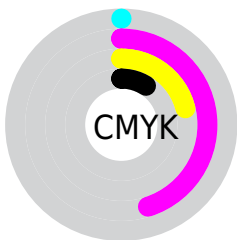
Distribution



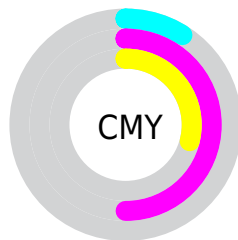
- Red (91%)
- Green (50%)
- Blue (71%)



- Red (91%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9879, 35.5451, 48.5349 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 48.9879, 35.5451, 48.5349 by changing the saturation by 10% instead.


 48.9879, 35.5451,
48.5349


 48.9879, 35.5451,
48.5349

373.2124,
326.9679, 397.4781


 34.8244, 24.0831,
33.8877


 87.8743, 68.3294,
89.3741

 23.6935, 15.3953,
22.5307


 113.3279, 90.4204,
116.4032

 15.2299, 9.0973,
14.0453


 143.2756,
116.8232, 148.3966

 9.0683, 4.8047,
8.0131

178.0827,
147.9222, 185.7729

 4.8432, 2.1331,
4.0154

218.1146,
184.1018, 228.9507

 2.1894, 0.6832,
1.6338

263.7366,

 0.7371, 0.0000,

225.7463, 278.3485

0.3148

315.3141,
273.2402, 334.3848

■ 0.0000, 0.0000,
0.0000

■ 48.9879, 35.5451,
48.5349

■ 48.9879, 35.5451,
48.5349

■ 45.2579, 29.8155,
41.9559

■ 53.4913, 42.6808,
55.8038

■ 42.2487, 25.3913,
36.0386

■ 58.8098, 51.3039,
63.7848

■ 39.9061, 22.1666,
30.7550


■ 64.9856, 61.4958,
72.5015


■ 38.1658, 20.0165,
26.0732


■ 72.0570, 73.3301,
81.9757

■ 36.9494, 18.7876,
21.9562

■ 80.0600, 86.8759,
92.2278

 36.4779, 18.3981,
20.0924

 85.5510, 95.2433,
102.1184

 86.7652, 95.7290,
108.5123

Harmonies

Analogous

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



44.7851, 35.5451, 72.4948



48.9879, 35.5451, 48.5349



48.7301, 35.5451, 28.5031

Triad

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



48.9879, 35.5451, 48.5349



30.0049, 35.5451, 11.9208



25.2016, 35.5451, 74.9184

Complementary

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



48.9879, 35.5451, 48.5349



45.1665, 64.7995, 51.2045

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.



22.2576, 35.5451, 51.0842



48.9879, 35.5451, 48.5349



24.7512, 35.5451, 17.4841

Square

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



48.9879, 35.5451, 48.5349



37.0628, 35.5451, 11.6594



22.1053, 35.5451, 30.2968



30.7055, 35.5451, 90.9779

Rectangle

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



48.9879, 35.5451, 48.5349



46.0514, 35.5451, 19.6576



22.1053, 35.5451, 30.2968



23.9159, 35.5451, 67.2353

Sweetspot

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



48.9889, 35.5468, 48.5356



82.1088, 78.2633, 91.8056



39.8140, 30.1261, 79.3183



17.1909, 16.1137, 19.1225



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.



48.9889, 35.5468, 48.5356



56.9436, 37.7755, 53.0735



44.6064, 33.7938, 25.4577



14.6939, 14.4947, 16.5884



20.5132, 10.3395, 11.5973



1.5627, 0.7828, 1.1038

Inverse Universe

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



48.9889, 35.5468, 48.5356



56.9436, 37.7755, 53.0735



51.2684, 67.2403, 83.3367



14.6939, 14.4947, 16.5884



20.5132, 10.3395, 11.5973



1.5627, 0.7828, 1.1038

Previews

White Background



This preview shows how the XYZ color 48.9879, 35.5451, 48.5349 looks on a white background.

Color Contrast Check

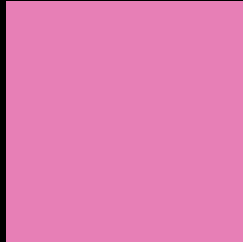
Large Text (above 18pt) WCAG AA × Fail

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 48.9879, 35.5451, 48.5349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

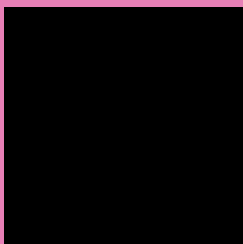
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9879, 35.5451, 48.5349

Background



This preview shows how black text looks on a background with the XYZ color 48.9879, 35.5451, 48.5349.



This preview shows how white text looks on a background with the XYZ color 48.9879, 35.5451,

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

48.9879, 35.5451, 48.5349

Protanopia

36.0476, 35.9853, 62.1727

Deuteranopia

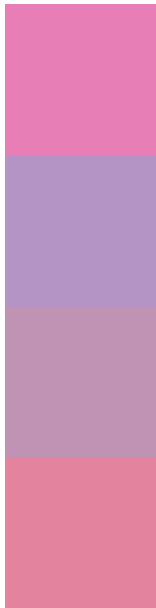
36.5703, 35.8343, 46.5842



Tritanopia

45.2377, 35.3947, 30.8331

Trichromacy



Original Color

48.9879, 35.5451, 48.5349

Protanomaly

39.1441, 34.7490, 56.8687

Deuteranomaly

40.1538, 35.0189, 47.2908

Tritanomaly

46.2828, 35.1952, 36.7017

Monochromacy



Original Color

48.9879, 35.5451, 48.5349

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.1563, 35.7649, 43.3676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9879, 35.5451, 48.5349 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, 127, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 127, 182)  
}
```

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, 127, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 127, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.9879, 35.5451, 48.5349 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, 127, 182) }
```


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

```
.border{ border-color:rgb(231, 127, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 127, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 127, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 127, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 127,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9879, 35.5451, 48.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 127, 182) }
```

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

```
.background{ background-color: rgb(231,  
127, 182) }
```

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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