

Converting Colors

XYZ(51.7060, 37.9582, 65.0449)

Have a look what the booklet for
XYZ(51.7060, 37.9582, 65.0449)
contains.

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Color

**XYZ(51.7123, 37.9845,
64.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	E386D1
RGB	227, 134, 209
RGB Percent	89%, 53%, 82%
CMY	0.1098, 0.4745, 0.1804
CMYK	0.00, 0.41, 0.08, 0.11
HSL	312°, 62%, 71%
HSV	312°, 41%, 89%
XYZ	51.7123, 37.9845, 64.9278
YIQ	170.3570, 31.3530, 43.0410

Conversions

Conversions Part 2

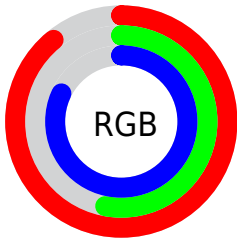
Format	Color
R _Y B	227, 134, 209
Decimal	14911185
CIE Lab	68.01, 46.07, -23.50
CIE LCh	68, 51.720, 332.980
Yxy	37.9845, 0.3344, 0.2457
Android (android.graphics.Color)	4293101265 (0xFFE386D1)
YUV	170.3570, 19.0510, 49.6759
Hunter-Lab	61.6316, 41.9162, -19.3189

Details

The XYZ color **51.7123, 37.9845, 64.9278** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **42.9698, 62.2748, 39.4637**, and the grayscale version is **38.2846, 40.2783, 43.8631**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **25.3527, 16.7640, 32.4714** is the 20% darker color. If you saturate the color by 10%, you get **48.3688, 32.1555, 61.1664**, and if you desaturate by 10%, it is **55.7466, 45.1696, 68.9942**.

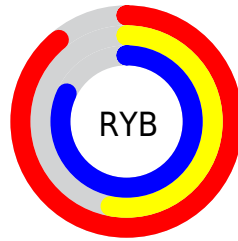
Distribution



Red (89%)

Green (53%)

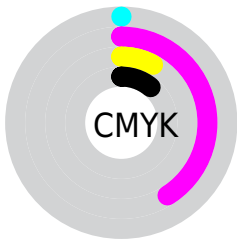
Blue (82%)



Red (89%)

Yellow (53%)

Blue (82%)

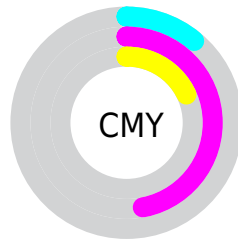


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7123, 37.9845, 64.9278 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 51.7123, 37.9845, 64.9278 by changing the saturation by 10% instead.


 51.7123, 37.9845,
64.9278

 51.7123, 37.9845,
64.9278


383.6671,
337.5535, 460.8316


 36.9991, 25.9707,
46.9516


 91.8835, 72.0844,
113.5583

 25.3805, 16.8017,
32.6433


 118.0724, 94.9392,
145.0497

 16.4910, 10.0932,
21.5845


 148.8171,
122.1765, 181.8832

 9.9653, 5.4608,
13.3565

184.4831,
154.1806, 224.4774

 5.4381, 2.5201,
7.5409

225.4358,
191.3360, 273.2508

 2.5439, 0.8867,
3.7191

272.0404,

 0.9174, 0.0000,

234.0270, 328.6219

1.4725

324.6624,
282.6380, 391.0093

■ 0.0000, 0.0000,
0.1973

■ 0.0000, 0.0000,
0.0000

■ 51.7123, 37.9845,
64.9278

■ 51.7123, 37.9845,
64.9278

■ 48.3688, 32.1555,
61.1664

■ 55.7466, 45.1696,
68.9942

■ 45.6688, 27.5904,
57.6927

■ 60.5077, 53.7850,
73.3771

■ 43.5648, 24.1937,
54.4904

■ 66.0336, 63.9055,
78.0902

■ 42.0011, 21.8541,
51.5405

■ 72.3584, 75.5992,
83.1452

40.9111, 20.4386,
48.8201

79.5142, 88.9303,
88.5537

40.2327, 19.7526,
46.5260

82.4870, 93.8703,
92.6446

83.1312, 94.1280,
96.0367

83.7912, 94.3920,
99.5121

84.4671, 94.6623,
103.0713

Harmonies

Analogous

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



45.1958, 37.9845, 90.7677



51.7123, 37.9845, 64.9278



53.8604, 37.9845, 39.0978

Triad

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



51.7123, 37.9845, 64.9278



35.3048, 37.9845, 11.0160



24.6188, 37.9845, 70.4671

Complementary

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



51.7123, 37.9845, 64.9278



42.9698, 62.2748, 39.4637

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.



22.7530, 37.9845, 43.7050



51.7123, 37.9845, 64.9278



28.3199, 37.9845, 14.2143

Square

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



51.7123, 37.9845, 64.9278



43.5970, 37.9845, 13.1138



24.0010, 37.9845, 24.3197



29.5213, 37.9845, 94.7134

Rectangle

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



51.7123, 37.9845, 64.9278



52.3001, 37.9845, 26.3610



24.0010, 37.9845, 24.3197



23.6517, 37.9845, 61.1789

Sweetspot

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



51.7135, 37.9862, 64.9286



85.1142, 81.6309, 100.9559



35.1637, 29.1823, 76.4534



18.0062, 17.0834, 21.4321



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.



51.7135, 37.9862, 64.9286



63.6269, 42.9976, 80.4098



46.8564, 36.0434, 39.3515



14.8692, 14.5649, 17.5117



23.5052, 11.5363, 27.3531



1.7677, 0.8648, 2.1833

Inverse Universe

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



51.7135, 37.9862, 64.9286



63.6269, 42.9976, 80.4098



47.4433, 64.0642, 63.0210



14.8692, 14.5649, 17.5117



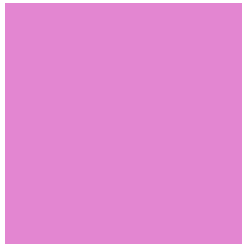
23.5052, 11.5363, 27.3531



1.7677, 0.8648, 2.1833

Previews

White Background



This preview shows how the XYZ color 51.7123, 37.9845, 64.9278 looks on a white background.

Color Contrast Check

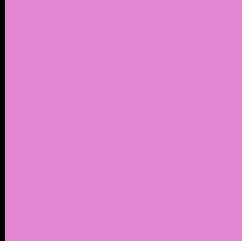
Large Text (above 18pt) WCAG AA × Fail

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 51.7123, 37.9845, 64.9278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

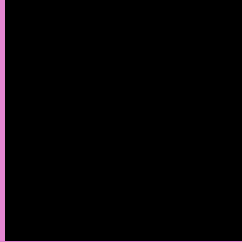
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7123, 37.9845, 64.9278

Background



This preview shows how black text looks on a background with the XYZ color 51.7123, 37.9845, 64.9278.



This preview shows how white text looks on a background with the XYZ color 51.7123, 37.9845,

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

51.7123, 37.9845, 64.9278

Protanopia

39.5533, 38.4314, 80.9346

Deuteranopia

39.1005, 38.3405, 62.4664



Tritanopia

45.9449, 38.0233, 36.3701

Trichromacy



Original Color

51.7123, 37.9845, 64.9278



Protanomaly

42.3897, 37.2241, 74.7628



Deuteranomaly

42.6185, 37.3518, 63.3559



Tritanomaly

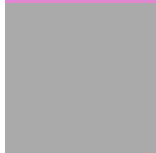
47.6942, 37.8329, 45.3462

Monochromacy



Original Color

51.7123, 37.9845, 64.9278



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.1946, 38.6510, 50.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7123, 37.9845, 64.9278 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(227, 134, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 134, 209)  
}
```

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(227, 134, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 134, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.7123, 37.9845, 64.9278 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(227, 134, 209) }
```


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

```
.border{ border-color:rgb(227, 134, 209) }
```

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

Here you see how a box with a 4 pixel rgb(227, 134, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 134, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 134, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 134,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7123, 37.9845, 64.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 134, 209) }
```

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

```
.background{ background-color: rgb(227,  
134, 209) }
```

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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