

Converting Colors

XYZ(64.1199, 40.2781, 97.3235)

Have a look what the booklet for
XYZ(64.1199, 40.2781, 97.3235)
contains.

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Color

**XYZ(64.1199, 40.2781,
97.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	FC74FD
RGB	252, 116, 253
RGB Percent	99%, 45%, 99%
CMY	0.0118, 0.5451, 0.0078
CMYK	0.00, 0.54, 0.00, 0.01
HSL	300°, 97%, 72%
HSV	300°, 54%, 99%
XYZ	64.1199, 40.2781, 97.3235
YIQ	172.2820, 37.0790, 71.4390

Conversions

Conversions Part 2

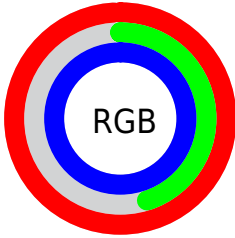
Format	Color
R _Y B	252, 116, 253
Decimal	16545021
CIE Lab	69.67, 69.26, -44.95
CIE LCh	70, 82.573, 327.015
Yxy	40.2781, 0.3179, 0.1997
Android (android.graphics.Color)	4294735101 (0xFFFC74FD)
YUV	172.2820, 39.7940, 69.9127
Hunter-Lab	63.4650, 69.2781, -46.4956

Details

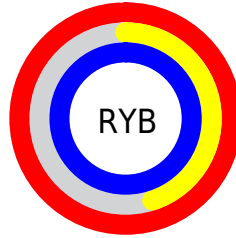
The XYZ color **64.1199, 40.2781, 97.3235** is a light color, and the websafe version is hex **FF66FF**, and the color name is **pink flamingo**. A complement of this color would be **45.6151, 75.2944, 28.6541**, and the grayscale version is **39.1486, 41.1874, 44.8531**.

A 20% lighter version of the original color is **74.2336, 58.3671, 101.9612**, and **33.1652, 18.1182, 53.9737** is the 20% darker color. If you saturate the color by 10%, you get **61.5244, 35.1853, 96.4778**, and if you desaturate by 10%, it is **67.5122, 46.9624, 98.4355**.

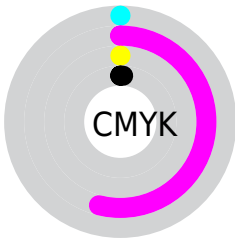
Distribution



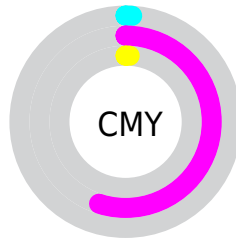
- Red (99%)
- Green (45%)
- Blue (99%)



- Red (99%)
- Yellow (45%)
- Blue (99%)



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (55%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1199, 40.2781, 97.3235 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 64.1199, 40.2781, 97.3235 by changing the saturation by 10% instead.


 64.1199, 40.2781,
97.3235


 64.1199, 40.2781,
97.3235


429.2179,
347.2943, 572.7502

 47.0098, 27.7554,
73.4628


 109.8564, 75.5868,
159.4938

 33.2514, 18.1414,
53.8603


 139.2135, 99.1416,
198.6405

 22.4793, 11.0515,
38.0976


 173.3836,
127.1427, 243.7196

 14.3281, 6.1015,
25.7560

212.7322,
159.9743, 295.1497

 8.4324, 2.9069,
16.4171

257.6246,
198.0208, 353.3492

 4.4270, 1.0833,
9.6622

308.4261,

 1.9464, 0.0000,

241.6668, 418.7368

5.0729

365.5020,
291.2965, 491.7310

■ 0.6036, 0.0000,
2.2306

■ 0.0000, 0.0000,
0.6920

■ 64.1199, 40.2781,
97.3235

■ 64.1199, 40.2781,
97.3235

■ 61.5244, 35.1853,
96.4778

■ 67.5122, 46.9624,
98.4355

■ 59.6554, 31.5462,
95.8739

■ 71.7557, 55.3501,
99.8308

■ 58.4374, 29.2092,
95.4870

■ 76.9051, 65.5494,
101.5281

■ 57.7765, 27.9863,
95.2858

■ 83.0092, 77.6581,
103.5435

57.5695, 27.6300,
95.2280

90.1133, 91.7667,
105.8924

94.0373, 99.5149,
107.1811

94.1046, 99.5496,
107.1843

94.1719, 99.5843,
107.1874

94.2393, 99.6191,
107.1906

Harmonies

Analogous

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



51.1741, 40.2781, 147.4380



64.1199, 40.2781, 97.3235



70.0850, 40.2781, 47.7984

Triad

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



64.1199, 40.2781, 97.3235



39.6360, 40.2781, 3.7794



19.6583, 40.2781, 86.4684

Complementary

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



64.1199, 40.2781, 97.3235



45.6151, 75.2944, 28.6541

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.



17.9365, 40.2781, 40.1366



64.1199, 40.2781, 97.3235



27.7621, 40.2781, 5.5463

Square

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



64.1199, 40.2781, 97.3235



54.0365, 40.2781, 6.5683



20.5283, 40.2781, 14.7635



25.9342, 40.2781, 139.0092

Rectangle

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



64.1199, 40.2781, 97.3235



68.4674, 40.2781, 25.6614



20.5283, 40.2781, 14.7635



18.6017, 40.2781, 69.0930

Sweetspot

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



64.1213, 40.2799, 97.3243



83.2778, 76.6180, 105.0073



31.4456, 23.8305, 95.8715



17.5417, 15.8376, 22.3824



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.



64.1213, 40.2799, 97.3243



62.4399, 35.4379, 98.1570



55.7012, 36.9538, 51.0912



18.7788, 18.2932, 22.7911



30.6306, 14.7011, 50.6578



2.9865, 1.4335, 4.9326

Inverse Universe

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



49.9656, 34.6595, 20.8878



46.6983, 29.1925, 12.9490



50.7951, 77.3510, 56.6285



18.0148, 17.9892, 18.6951



21.5564, 11.1119, 1.0487



2.1007, 1.0826, 0.1116

Previews

White Background



This preview shows how the XYZ color 64.1199, 40.2781, 97.3235 looks on a white background.

Color Contrast Check

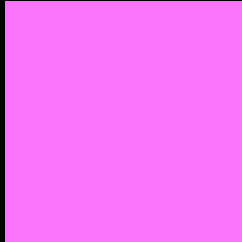
Large Text (above 18pt) WCAG AA × Fail

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 64.1199, 40.2781, 97.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

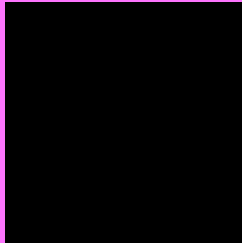
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1199, 40.2781, 97.3235

Background



This preview shows how black text looks on a background with the XYZ color 64.1199, 40.2781, 97.3235.



This preview shows how white text looks on a background with the XYZ color 64.1199, 40.2781,

97.3235.

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

64.1199, 40.2781, 97.3235

Protanopia

42.7001, 40.7142, 100.2158

Deuteranopia

41.6724, 40.6584, 91.2394



Tritanopia

51.2757, 40.1383, 34.7507

Trichromacy



Original Color

64.1199, 40.2781, 97.3235



Protanomaly

47.4592, 38.3539, 98.6676



Deuteranomaly

46.9863, 38.4732, 92.9453

Tritanomaly

54.8811, 39.6823, 52.9110

Monochromacy



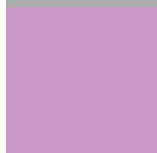
Original Color

64.1199, 40.2781, 97.3235



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

45.8582, 39.0910, 60.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1199, 40.2781, 97.3235 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(252, 116, 253)` looks like.

```
.text, #text, p{  
    color:rgb(252, 116, 253)  
}
```

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(252, 116, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 116, 253) }
```

Border

The CSS property to change the border of an element to XYZ 64.1199, 40.2781, 97.3235 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(252, 116, 253) }
```


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

```
.border{ border-color:rgb(252, 116, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 116, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 116, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 116, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 116,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1199, 40.2781, 97.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 116, 253) }
```

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

```
.background{ background-color: rgb(252,  
116, 253) }
```

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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