

Converting Colors

XYZ(63.5283, 40.5826, 92.5102)

Have a look what the booklet for
XYZ(63.5283, 40.5826, 92.5102)
contains.

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Color

**XYZ(63.5302, 40.6045,
92.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	FC77F7
RGB	252, 119, 247
RGB Percent	99%, 47%, 97%
CMY	0.0118, 0.5333, 0.0314
CMYK	0.00, 0.53, 0.02, 0.01
HSL	302°, 96%, 73%
HSV	302°, 53%, 99%
XYZ	63.5302, 40.6045, 92.4847
YIQ	173.3590, 38.1800, 68.0040

Conversions

Conversions Part 2

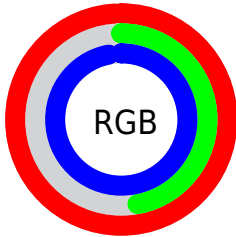
Format	Color
R _Y B	252, 119, 247
Decimal	16545783
CIE _{Lab}	69.90, 66.92, -41.31
CIE _{LCh}	70, 78.643, 328.314
Y _{xy}	40.6045, 0.3231, 0.2065
Android (android.graphics.Color)	4294735863 (0xFFFC77F7)
YUV	173.3590, 36.3050, 68.9682
Hunter-Lab	63.7217, 66.4508, -41.4475

Details

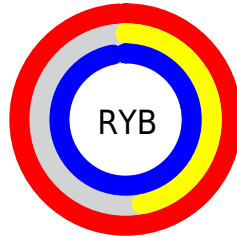
The XYZ color **63.5302, 40.6045, 92.4847** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **46.0581, 74.9996, 31.1200**, and the grayscale version is **39.7120, 41.7801, 45.4985**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **32.9553, 18.3926, 50.5284** is the 20% darker color. If you saturate the color by 10%, you get **60.7736, 35.3238, 90.8465**, and if you desaturate by 10%, it is **67.0852, 47.4790, 94.3934**.

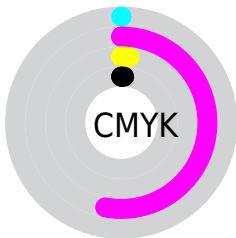
Distribution



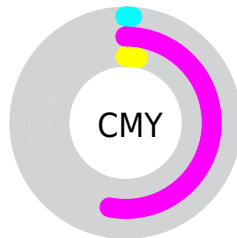
- Red (99%)
- Green (47%)
- Blue (97%)



- Red (99%)
- Yellow (47%)
- Blue (97%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5302, 40.6045, 92.4847 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 63.5302, 40.6045, 92.4847 by changing the saturation by 10% instead.


 63.5302, 40.6045,
92.4847


 63.5302, 40.6045,
92.4847


427.1203,
348.6649, 556.8581


 46.5305, 28.0102,
69.4580


 109.0116, 76.0831,
152.7505

 32.8711, 18.3333,
50.6107

 138.2240, 99.7363,
190.8267

 22.1865, 11.1896,
35.5243


 172.2381,
127.8444, 234.7565

 14.1113, 6.1945,
23.7803

211.4191,
160.7921, 284.9584

 8.2804, 2.9637,
14.9600

256.1325,
198.9635, 341.8510

 4.3282, 1.1128,
8.6450

306.7436,

 1.8894, 0.0000,

242.7432, 405.8528

4.4167

363.6177,
292.5155, 477.3823

■ 0.5707, 0.0000,
1.8566

■ 0.0000, 0.0000,
0.4649

■ 63.5302, 40.6045,
92.4847

■ 63.5302, 40.6045,
92.4847

■ 60.7736, 35.3238,
90.8465

■ 67.0852, 47.4790,
94.3934

■ 58.7469, 31.5027,
89.4550

■ 71.4918, 56.0563,
96.5893

■ 57.3773, 28.9944,
88.2861

■ 76.8033, 66.4423,
99.0904

■ 56.5745, 27.6188,
87.3098

■ 83.0676, 78.7327,
101.9129

56.2516, 27.1382,
86.6924

90.3293, 93.0166,
105.0715

93.5851, 99.2876,
106.8985

93.7362, 99.3480,
107.6943

93.8881, 99.4088,
108.4941

93.9554, 99.4357,
108.8488

Harmonies

Analogous

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



51.4721, 40.6045, 139.7195



63.5302, 40.6045, 92.4847



68.7635, 40.6045, 46.3165

Triad

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



63.5302, 40.6045, 92.4847



39.3216, 40.6045, 4.5672



20.7392, 40.6045, 86.7365

Complementary

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



63.5302, 40.6045, 92.4847



46.0581, 74.9996, 31.1200

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.



18.8613, 40.6045, 42.1711



63.5302, 40.6045, 92.4847



28.0648, 40.6045, 6.6761

Square

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



63.5302, 40.6045, 92.4847



53.0058, 40.6045, 7.2813



21.2212, 40.6045, 16.5758



27.0634, 40.6045, 135.3036

Rectangle

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



63.5302, 40.6045, 92.4847



66.9645, 40.6045, 25.5679



21.2212, 40.6045, 16.5758



19.6379, 40.6045, 70.2402

Sweetspot

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



63.5316, 40.6063, 92.4855



83.1412, 76.5760, 103.7167



32.3999, 24.4670, 95.1117



17.5087, 15.8274, 22.0707



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.



63.5316, 40.6063, 92.4855



62.3664, 36.1648, 93.2827



55.0908, 37.2300, 48.0367



17.9632, 17.5126, 21.6619



29.3146, 14.1416, 45.2265



2.7236, 1.3132, 4.2338

Inverse Universe

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



63.5316, 40.6063, 92.4855



62.3664, 36.1648, 93.2827



51.7069, 77.2591, 60.8664



17.9632, 17.5126, 21.6619



29.3146, 14.1416, 45.2265



2.7236, 1.3132, 4.2338

Previews

White Background



This preview shows how the XYZ color 63.5302, 40.6045, 92.4847 looks on a white background.

Color Contrast Check

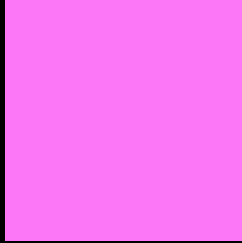
Large Text (above 18pt) WCAG AA × Fail

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 63.5302, 40.6045, 92.4847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

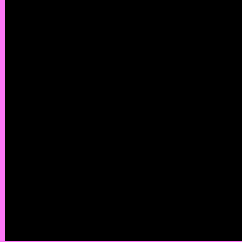
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5302, 40.6045, 92.4847

Background



This preview shows how black text looks on a background with the XYZ color 63.5302, 40.6045, 92.4847.



This preview shows how white text looks on a background with the XYZ color 63.5302, 40.6045,

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

63.5302, 40.6045, 92.4847

Protanopia

43.0532, 41.1714, 100.2855

Deuteranopia

41.8333, 40.8449, 86.5679



Tritanopia

51.6984, 40.3467, 35.1999

Trichromacy



Original Color

63.5302, 40.6045, 92.4847



Protanomaly

47.6934, 38.9852, 97.1067



Deuteranomaly

47.1935, 38.9232, 88.2446



Tritanomaly

55.1509, 40.0505, 51.8375

Monochromacy



Original Color

63.5302, 40.6045, 92.4847



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

46.1737, 39.5092, 59.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5302, 40.6045, 92.4847 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, 119, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 119, 247)  
}
```

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, 119, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 119, 247) }
```

Border

The CSS property to change the border of an element to XYZ 63.5302, 40.6045, 92.4847 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, 119, 247) }
```


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

```
.border{ border-color:rgb(252, 119, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 119, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 119, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 119, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 119,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5302, 40.6045, 92.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 119, 247) }
```

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

```
.background{ background-color: rgb(252,  
119, 247) }
```

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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