

Converting Colors

XYZ(63.6154, 41.4095, 99.2477)

Have a look what the booklet for
XYZ(63.6154, 41.4095, 99.2477)
contains.

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Color

**XYZ(63.6154, 41.4095,
99.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	F77CFF
RGB	247, 124, 255
RGB Percent	97%, 49%, 100%
CMY	0.0314, 0.5137, 0.0000
CMYK	0.03, 0.51, 0.00, 0.00
HSL	296°, 100%, 74%
HSV	296°, 51%, 100%
XYZ	63.6154, 41.4095, 99.2477
YIQ	175.7110, 31.2570, 66.8170

Conversions

Conversions Part 2

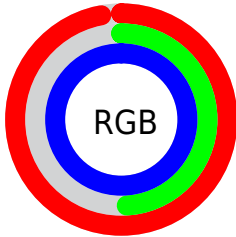
Format	Color
R _Y B	247, 124, 255
Decimal	16219391
CIE Lab	70.46, 64.69, -44.85
CIE LCh	70, 78.710, 325.267
Yxy	41.4095, 0.3114, 0.2027
Android (android.graphics.Color)	4294409471 (0xFFFF77CFF)
YUV	175.7110, 39.0895, 62.5205
Hunter-Lab	64.3502, 63.8488, -46.3982

Details

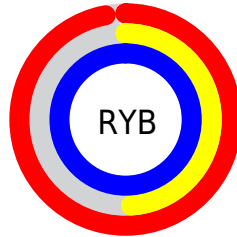
The XYZ color **63.6154, 41.4095, 99.2477** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **48.9149, 77.8813, 31.5253**, and the grayscale version is **40.9097, 43.0402, 46.8708**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **32.9392, 18.7829, 55.3155** is the 20% darker color. If you saturate the color by 10%, you get **60.2767, 35.5429, 98.2913**, and if you desaturate by 10%, it is **67.7875, 48.9341, 100.4802**.

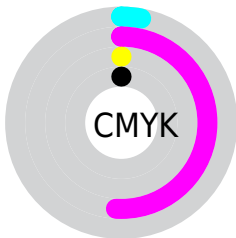
Distribution



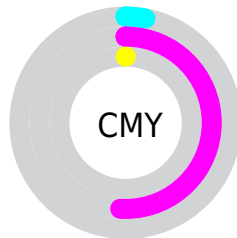
- Red (97%)
- Green (49%)
- Blue (100%)



- Red (97%)
- Yellow (49%)
- Blue (100%)



- Cyan (3%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6154, 41.4095, 99.2477 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 63.6154, 41.4095, 99.2477 by changing the saturation by 10% instead.


 63.6154, 41.4095,
99.2477


 63.6154, 41.4095,
99.2477


427.4237,
352.0292, 579.0041


 46.5998, 28.6392,
75.0590


 109.1337, 77.3051,
162.1658

 32.9260, 18.8081,
55.1592


 138.3671,
101.1993, 201.7323

 22.2287, 11.5317,
39.1298


 172.4037,
129.5701, 247.2619

 14.1426, 6.4256,
26.5521

211.6090,
162.8021, 299.1730

 8.3023, 3.1056,
17.0076

256.3483,
201.2796, 357.8843

 4.3424, 1.1871,
10.0779

306.9870,

 1.8976, 0.0511,

245.3870, 423.8142

5.3444

363.8903,
295.5088, 497.3813

■ 0.5754, 0.0000,
2.3885

■ 0.0000, 0.0000,
0.7801

■ 63.6154, 41.4095,
99.2477

■ 63.6154, 41.4095,
99.2477

■ 60.2767, 35.5429,
98.2913

■ 67.7875, 48.9341,
100.4802

■ 57.7022, 31.1989,
97.5885

■ 72.8470, 58.2277,
102.0074

■ 55.8184, 28.2295,
97.1146

■ 78.8481, 69.3978,
103.8471

■ 54.5354, 26.4550,
96.8397

■ 85.8397, 82.5418,
106.0157

■ 53.7919, 25.6456,
96.7227

■ 93.8670, 97.7505,
108.5282

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.9911, 41.4095, 145.4215



63.6154, 41.4095, 99.2477



69.8089, 41.4095, 51.2413

Triad

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



63.6154, 41.4095, 99.2477



41.4522, 41.4095, 4.7957



20.8398, 41.4095, 82.9586

Complementary

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



63.6154, 41.4095, 99.2477



48.9149, 77.8813, 31.5253

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.



19.3700, 41.4095, 39.4480



63.6154, 41.4095, 99.2477



29.6450, 41.4095, 6.4322

Square

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



63.6154, 41.4095, 99.2477



55.3450, 41.4095, 8.1790



22.2158, 41.4095, 15.4103



26.7914, 41.4095, 132.9330

Rectangle

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



63.6154, 41.4095, 99.2477



68.6504, 41.4095, 28.7754



22.2158, 41.4095, 15.4103



19.8698, 41.4095, 66.6296

Sweetspot

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



63.6168, 41.4113, 99.2479



83.1844, 77.5367, 105.1895



34.7149, 28.2092, 98.2230



17.4880, 16.0002, 22.4166



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.



63.6168, 41.4113, 99.2479



60.0927, 35.2258, 98.2398



58.6687, 39.7649, 58.1521



18.6767, 18.2406, 22.7864



28.1545, 13.4247, 50.5419



2.7732, 1.3236, 4.9226

Inverse Universe

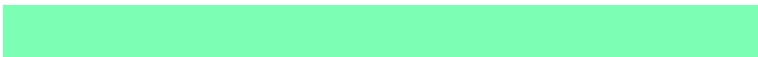
The Inverse Universe completely reimagines the original color for something new.



52.6136, 37.3429, 26.2663



48.1359, 30.8431, 17.2033



52.3900, 79.1323, 56.1053



18.0543, 18.0050, 18.9033



21.6132, 11.1346, 1.3476



2.1195, 1.0902, 0.2105

Previews

White Background



This preview shows how the XYZ color 63.6154, 41.4095, 99.2477 looks on a white background.

Color Contrast Check

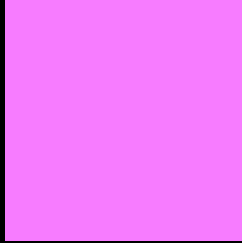
Large Text (above 18pt) WCAG AA × Fail

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 63.6154, 41.4095, 99.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

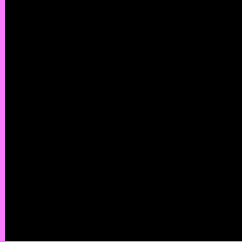
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6154, 41.4095, 99.2477

Background



This preview shows how black text looks on a background with the XYZ color 63.6154, 41.4095, 99.2477.



This preview shows how white text looks on a background with the XYZ color 63.6154, 41.4095,

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

63.6154, 41.4095, 99.2477

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.8530, 41.7705, 93.7996



Tritanopia

51.1089, 41.3452, 38.0876

Trichromacy



Original Color

63.6154, 41.4095, 99.2477



Protanomaly

48.4973, 39.8262, 99.7389



Deuteranomaly

47.8670, 39.8371, 95.6089

Tritanomaly

54.5668, 40.7110, 56.0210

Monochromacy



Original Color

63.6154, 41.4095, 99.2477



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

47.4335, 41.0783, 63.1865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6154, 41.4095, 99.2477 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(247, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 255)  
}
```

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(247, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.6154, 41.4095, 99.2477 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(247, 124, 255) }
```


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

```
.border{ border-color:rgb(247, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6154, 41.4095, 99.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 255) }
```

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

```
.background{ background-color: rgb(247,  
124, 255) }
```

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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