

Converting Colors

XYZ(63.1524, 42.5103, 99.4846)

Have a look what the booklet for
XYZ(63.1524, 42.5103, 99.4846)
contains.

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Color

**XYZ(63.1284, 42.5073,
99.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	F383FF
RGB	243, 131, 255
RGB Percent	95%, 51%, 100%
CMY	0.0471, 0.4863, 0.0000
CMYK	0.05, 0.49, 0.00, 0.00
HSL	294°, 100%, 76%
HSV	294°, 49%, 100%
XYZ	63.1284, 42.5073, 99.4852
YIQ	178.6240, 26.9480, 62.3080

Conversions

Conversions Part 2

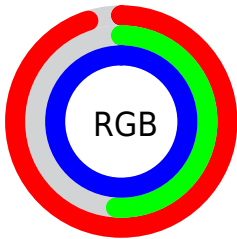
Format	Color
R _{YB}	243, 131, 255
Decimal	15959039
CIE _{Lab}	71.22, 60.30, -43.69
CIE _{LCh}	71, 74.468, 324.073
Yxy	42.5073, 0.3078, 0.2072
Android (android.graphics.Color)	4294149119 (0xFFFF383FF)
YUV	178.6240, 37.6534, 56.4578
Hunter-Lab	65.1976, 58.7390, -44.8324

Details

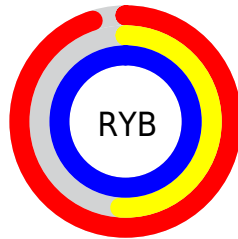
The XYZ color **63.1284, 42.5073, 99.4852** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.1855, 78.9988, 34.0253**, and the grayscale version is **42.4455, 44.6559, 48.6303**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **32.5446, 19.4364, 55.4624** is the 20% darker color. If you saturate the color by 10%, you get **59.2700, 36.0454, 98.4413**, and if you desaturate by 10%, it is **67.8436, 50.6640, 100.8111**.

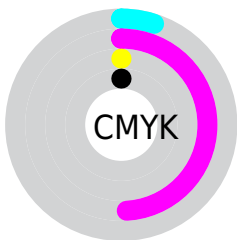
Distribution



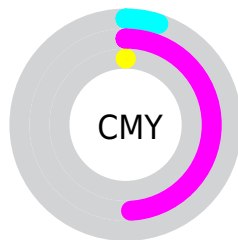
- Red (95%)
- Green (51%)
- Blue (100%)



- Red (95%)
- Yellow (51%)
- Blue (100%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1284, 42.5073, 99.4852 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 63.1284, 42.5073, 99.4852 by changing the saturation by 10% instead.


 63.1284, 42.5073,
99.4852


 63.1284, 42.5073,
99.4852


425.6876,
356.5816, 579.7735


 46.2041, 29.4987,
75.2562

 108.4355, 78.9668,
162.4953

 32.6122, 19.4584,
55.3198


 137.5490,
103.1866, 202.1134

 21.9874, 12.0020,
39.2575


 171.4564,
131.9122, 247.6983

 13.9642, 6.7450,
26.6507

210.5229,
165.5280, 299.6685

 8.1773, 3.3032,
17.0810

255.1139,
204.4185, 358.4426

 4.2614, 1.2920,
10.1297

305.5948,

 1.8510, 0.1350,

248.9679, 424.4391

5.3783

362.3309,
299.5609, 498.0766

■ 0.5481, 0.0000,
2.4083

■ 0.0000, 0.0000,
0.7910

■ 63.1284, 42.5073,
99.4852

■ 63.1284, 42.5073,
99.4852

■ 59.2700, 36.0454,
98.4413

■ 67.8436, 50.6640,
100.8111

■ 56.2014, 31.1468,
97.6575

■ 73.4681, 60.6231,
102.4370

■ 53.8519, 27.6700,
97.1103

■ 80.0549, 72.4898,
104.3803

■ 52.1368, 25.4448,
96.7712

■ 87.6518, 86.3596,
106.6571

■ 50.9347, 24.2292,
96.5999

95.0500, 100.0000,
108.9000

■ 50.7875, 24.0968,
96.5821

Harmonies

Analogous

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



51.0077, 42.5073, 141.7236



63.1284, 42.5073, 99.4852



69.2961, 42.5073, 53.7522

Triad

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



63.1284, 42.5073, 99.4852



42.9320, 42.5073, 6.0477



22.2069, 42.5073, 80.3771

Complementary

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



63.1284, 42.5073, 99.4852



51.1855, 78.9988, 34.0253

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.



20.9176, 42.5073, 39.5403



63.1284, 42.5073, 99.4852



31.3787, 42.5073, 7.6112

Square

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



63.1284, 42.5073, 99.4852



56.1896, 42.5073, 9.9473



23.9122, 42.5073, 16.5261



27.8887, 42.5073, 127.2733

Rectangle

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



63.1284, 42.5073, 99.4852



68.4509, 42.5073, 31.4961



23.9122, 42.5073, 16.5261



21.3018, 42.5073, 65.0969

Sweetspot

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



63.1298, 42.5091, 99.4855



82.6898, 77.2817, 105.1664



37.2943, 31.8125, 98.7825



17.3676, 15.9381, 22.4109



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.



63.1298, 42.5091, 99.4855



59.4875, 36.4022, 98.4987



60.4251, 41.9214, 62.9194



18.6092, 18.2058, 22.7832



26.6085, 12.6276, 50.4695



2.6390, 1.2544, 4.9163

Inverse Universe

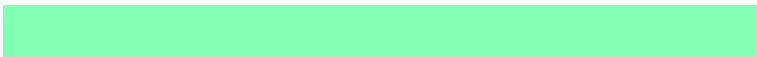
The Inverse Universe completely reimagines the original color for something new.



54.3153, 39.4774, 30.7454



49.9846, 33.1869, 21.9930



53.4208, 79.6657, 56.0645



18.0808, 18.0156, 19.0424



21.6622, 11.1542, 1.6055



2.1319, 1.0951, 0.2762

Previews

White Background



This preview shows how the XYZ color 63.1284, 42.5073, 99.4852 looks on a white background.

Color Contrast Check

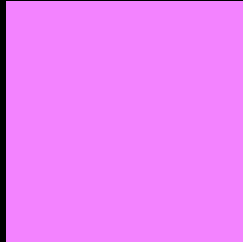
Large Text (above 18pt) WCAG AA × Fail

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 63.1284, 42.5073, 99.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

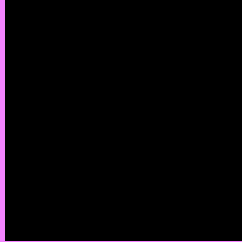
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1284, 42.5073, 99.4852

Background



This preview shows how black text looks on a background with the XYZ color 63.1284, 42.5073, 99.4852.



This preview shows how white text looks on a background with the XYZ color 63.1284, 42.5073,

99.4852.

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

63.1284, 42.5073, 99.4852

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.9448, 42.8984, 93.9598



Tritanopia

51.0471, 42.4517, 40.6255

Trichromacy



Original Color

63.1284, 42.5073, 99.4852



Protanomaly

49.1630, 41.1577, 99.9608



Deuteranomaly

49.0106, 41.4231, 95.8548

Tritanomaly

54.4644, 41.9442, 58.0488

Monochromacy



Original Color

63.1284, 42.5073, 99.4852



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.5399, 42.9022, 64.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1284, 42.5073, 99.4852 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(243, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 131, 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(243, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.1284, 42.5073, 99.4852 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(243, 131, 255) }
```


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

```
.border{ border-color:rgb(243, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1284, 42.5073, 99.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 131, 255) }
```

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

```
.background{ background-color: rgb(243,  
131, 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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