

Converting Colors

XYZ(72.6120, 46.4933,
152.4730)

Have a look what the booklet for
XYZ(72.6120, 46.4933, 152.4730)
contains.

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Color

**XYZ(62.5769, 42.4233,
99.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	F184FF
RGB	241, 132, 255
RGB Percent	95%, 52%, 100%
CMY	0.0549, 0.4823, 0.0000
CMYK	0.05, 0.48, 0.00, 0.00
HSL	293°, 100%, 76%
HSV	293°, 48%, 100%
XYZ	62.5769, 42.4233, 99.4981
YIQ	178.6130, 25.4810, 61.3610

Conversions

Conversions Part 2

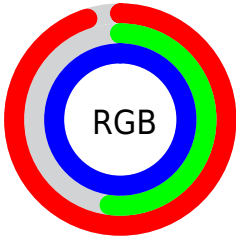
Format	Color
R _Y B	241, 132, 255
Decimal	15828223
CIE Lab	71.16, 59.28, -43.80
CIE LCh	71, 73.703, 323.537
Yxy	42.4233, 0.3060, 0.2075
Android (android.graphics.Color)	4294018303 (0xFFFF184FF)
YUV	178.6130, 37.6588, 54.7134
Hunter-Lab	65.1332, 57.5114, -44.9788

Details

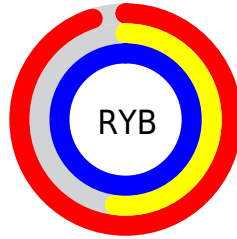
The XYZ color **62.5769, 42.4233, 99.4981** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.7799, 79.2974, 34.4086**, and the grayscale version is **42.4401, 44.6503, 48.6242**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **32.3754, 19.4523, 55.4744** is the 20% darker color. If you saturate the color by 10%, you get **58.5497, 35.8270, 98.4371**, and if you desaturate by 10%, it is **67.4676, 50.7213, 100.8420**.

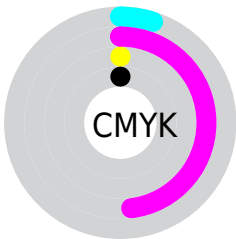
Distribution



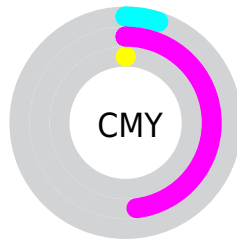
- Red (95%)
- Green (52%)
- Blue (100%)



- Red (95%)
- Yellow (52%)
- Blue (100%)



- Cyan (5%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5769, 42.4233, 99.4981 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 62.5769, 42.4233, 99.4981 by changing the saturation by 10% instead.


 62.5769, 42.4233,
99.4981


 62.5769, 42.4233,
99.4981


423.7164,
356.2347, 579.8153


 45.7564, 29.4329,
75.2669

 107.6441, 78.8399,
162.5131

 32.2574, 19.4085,
55.3285


 136.6215,
103.0348, 202.1341

 21.7147, 11.9658,
39.2644


 170.3819,
131.7334, 247.7220

 13.7628, 6.7204,
26.6561

209.2907,
165.3200, 299.6954

 8.0365, 3.2879,
17.0850

253.7132,
204.1791, 358.4729

 4.1703, 1.2838,
10.1325

304.0147,

 1.7989, 0.1286,

248.6949, 424.4730

5.3801

360.5607,
299.2520, 498.1143

■ 0.5170, 0.0000,
2.4094

■ 0.0000, 0.0000,
0.7915

■ 62.5769, 42.4233,
99.4981

■ 62.5769, 42.4233,
99.4981

■ 58.5497, 35.8270,
98.4371

■ 67.4676, 50.7213,
100.8420

■ 55.3191, 30.8015,
97.6374

■ 73.2741, 60.8281,
102.4868

■ 52.8150, 27.2059,
97.0753

■ 80.0492, 72.8487,
104.4499

■ 50.9532, 24.8716,
96.7229

■ 87.8407, 86.8783,
106.7472

■ 49.6172, 23.5661, 95.0500, 100.0000,
96.5413 108.9000

■ 49.4073, 23.3853,
96.5175

Harmonies

Analogous

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



50.5607, 42.4233, 140.7152



62.5769, 42.4233, 99.4981



68.7971, 42.4233, 54.2713

Triad

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



62.5769, 42.4233, 99.4981



43.0525, 42.4233, 6.2243



22.2442, 42.4233, 78.9954

Complementary

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



62.5769, 42.4233, 99.4981



51.7799, 79.2974, 34.4086

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.



21.0399, 42.4233, 38.9568



62.5769, 42.4233, 99.4981



31.5683, 42.4233, 7.7004

Square

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



62.5769, 42.4233, 99.4981



56.1333, 42.4233, 10.2576



24.0896, 42.4233, 16.4303



27.7993, 42.4233, 125.2446

Rectangle

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



62.5769, 42.4233, 99.4981



68.0735, 42.4233, 32.0394



24.0896, 42.4233, 16.4303



21.3712, 42.4233, 63.9969

Sweetspot

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



62.5783, 42.4251, 99.4984



83.2208, 78.5372, 105.3807



37.9002, 32.7933, 98.9399



17.4617, 16.1799, 22.4526



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.



62.5783, 42.4251, 99.4984



58.6343, 35.9624, 98.4588



60.8590, 42.3108, 64.5383



18.5771, 18.1892, 22.7817



25.8977, 12.2612, 50.4363



2.5770, 1.2224, 4.9134

Inverse Universe

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



54.6806, 39.8394, 32.0033



50.1420, 33.2498, 22.8215



53.4288, 79.6868, 55.2943



18.0934, 18.0207, 19.1091



21.6914, 11.1658, 1.7592



2.1379, 1.0975, 0.3075

Previews

White Background



This preview shows how the XYZ color 62.5769, 42.4233, 99.4981 looks on a white background.

Color Contrast Check

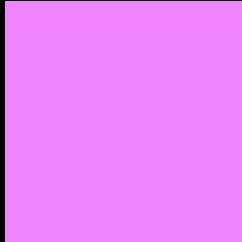
Large Text (above 18pt) WCAG AA × Fail

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 62.5769, 42.4233, 99.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

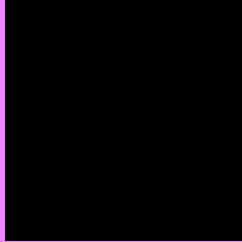
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5769, 42.4233, 99.4981

Background



This preview shows how black text looks on a background with the XYZ color 62.5769, 42.4233, 99.4981.



This preview shows how white text looks on a background with the XYZ color 62.5769, 42.4233,

99.4981.

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

62.5769, 42.4233, 99.4981

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

44.0996, 42.9604, 94.7748



Tritanopia

50.4959, 42.1571, 41.0730

Trichromacy



Original Color

62.5769, 42.4233, 99.4981



Protanomaly

49.1630, 41.1577, 99.9608



Deuteranomaly

48.9309, 41.3638, 96.6719

Tritanomaly

53.9227, 41.6517, 58.6236

Monochromacy



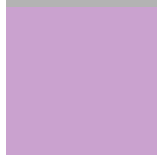
Original Color

62.5769, 42.4233, 99.4981



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 62.5769, 42.4233, 99.4981 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(241, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 132, 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(241, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 132, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5769, 42.4233, 99.4981 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(241, 132, 255) }
```


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

```
.border{ border-color:rgb(241, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 132,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5769, 42.4233, 99.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 132, 255) }
```

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

```
.background{ background-color: rgb(241,  
132, 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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