

Converting Colors

XYZ(65.5094, 42.3855, 95.6440)

Have a look what the booklet for
XYZ(65.5094, 42.3855, 95.6440)
contains.

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Color

**XYZ(65.4933, 42.4512,
96.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7CFB
RGB	254, 124, 251
RGB Percent	100%, 49%, 98%
CMY	0.0039, 0.5137, 0.0157
CMYK	0.00, 0.51, 0.01, 0.00
HSL	301°, 98%, 74%
HSV	301°, 51%, 100%
XYZ	65.4933, 42.4512, 96.0088
YIQ	177.3480, 36.7130, 67.0570

Conversions

Conversions Part 2

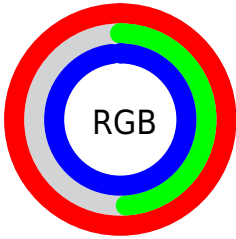
Format	Color
R_{YB}	254, 124, 251
Decimal	16678139
CIE _{Lab}	71.18, 65.85, -41.47
CIE _{LCh}	71, 77.820, 327.796
Yxy	42.4512, 0.3211, 0.2081
Android (android.graphics.Color)	4294868219 (0xFFFE7CFB)
YUV	177.3480, 36.3104, 67.2238
Hunter-Lab	65.1546, 65.4074, -41.7588

Details

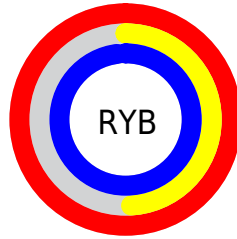
The XYZ color **65.4933, 42.4512, 96.0088** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **47.5867, 76.7027, 32.3782**, and the grayscale version is **41.7759, 43.9515, 47.8632**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **34.2504, 19.5115, 52.9998** is the 20% darker color. If you saturate the color by 10%, you get **62.6186, 36.8485, 94.5956**, and if you desaturate by 10%, it is **69.1908, 49.6970, 97.6985**.

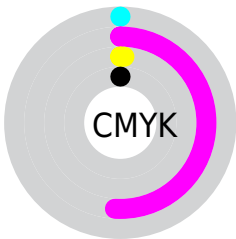
Distribution



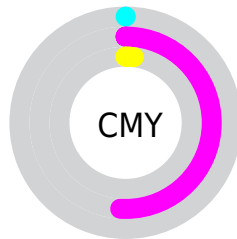
- Red (100%)
- Green (49%)
- Blue (98%)



- Red (100%)
- Yellow (49%)
- Blue (98%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4933, 42.4512, 96.0088 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 65.4933, 42.4512, 96.0088 by changing the saturation by 10% instead.


 65.4933, 42.4512,
96.0088


 65.4933, 42.4512,
96.0088


434.0798,
356.3499, 568.4562

 48.1274, 29.4548,
72.3734


 111.8205, 78.8820,
157.6651

 34.1394, 19.4251,
52.9750


 141.5126,
103.0852, 196.5231

 23.1641, 11.9778,
37.3952

 176.0440,
131.7928, 241.2923

 14.8361, 6.7286,
25.2155

215.7802,
165.3891, 292.3913

 8.7900, 3.2930,
16.0172

261.0865,
204.2586, 350.2387

 4.6605, 1.2865,
9.3818

312.3283,

 2.0822, 0.1307,

248.7856, 415.2529

4.8909

369.8710,
299.3546, 487.8525

■ 0.6795, 0.0000,
2.1258

■ 0.0000, 0.0000,
0.6310

■ 65.4933, 42.4512,
96.0088

■ 65.4933, 42.4512,
96.0088

■ 62.6186, 36.8485,
94.5956

■ 69.1908, 49.6970,
97.6985

■ 60.4981, 32.7547,
93.4348

■ 73.7642, 58.6952,
99.6811

■ 59.0593, 30.0238,
92.5027

■ 79.2672, 69.5521,
101.9750

■ 58.2135, 28.4786,
91.7696

■ 85.7481, 82.3643,
104.5963

■ 57.8383, 27.8570,
91.2478

■ 93.2516, 97.2214,
107.5600

■ 94.6062, 99.7802,
108.4753

■ 94.6836, 99.8111,
108.8829

Harmonies

Analogous

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



53.2034, 42.4512, 143.2543



65.4933, 42.4512, 96.0088



70.9383, 42.4512, 49.0381

Triad

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



65.4933, 42.4512, 96.0088



41.3202, 42.4512, 5.1973



21.9880, 42.4512, 88.4332

Complementary

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



65.4933, 42.4512, 96.0088



47.5867, 76.7027, 32.3782

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.



20.1258, 42.4512, 43.5161



65.4933, 42.4512, 96.0088



29.7516, 42.4512, 7.3602

Square

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



65.4933, 42.4512, 96.0088



55.2363, 42.4512, 8.2014



22.6374, 42.4512, 17.5479



28.4096, 42.4512, 137.4657

Rectangle

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



65.4933, 42.4512, 96.0088



69.2319, 42.4512, 27.5693



22.6374, 42.4512, 17.5479



20.8777, 42.4512, 71.8187

Sweetspot

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



65.4948, 42.4531, 96.0097



83.8966, 77.9202, 104.4825



33.7278, 26.0215, 97.0123



17.6617, 16.0938, 22.2440



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.



65.4948, 42.4531, 96.0097



63.2218, 37.2601, 95.4651



57.0343, 39.0689, 51.4575



18.7735, 18.2927, 22.6904



30.5008, 14.6896, 48.1490



2.9753, 1.4325, 4.7173

Inverse Universe

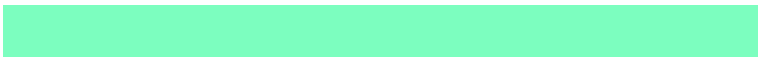
The Inverse Universe completely reimagines the original color for something new.



65.4948, 42.4531, 96.0097



63.2218, 37.2601, 95.4651



53.1782, 78.9393, 61.8227



18.7735, 18.2927, 22.6904



30.5008, 14.6896, 48.1490



2.9753, 1.4325, 4.7173

Previews

White Background



This preview shows how the XYZ color 65.4933, 42.4512, 96.0088 looks on a white background.

Color Contrast Check

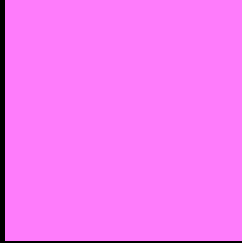
Large Text (above 18pt) WCAG AA × Fail

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 65.4933, 42.4512, 96.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

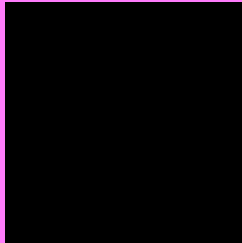
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4933, 42.4512, 96.0088

Background



This preview shows how black text looks on a background with the XYZ color 65.4933, 42.4512, 96.0088.



This preview shows how white text looks on a background with the XYZ color 65.4933, 42.4512,

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

65.4933, 42.4512, 96.0088

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.7284, 42.5913, 89.9206



Tritanopia

53.5674, 42.3907, 37.7067

Trichromacy



Original Color

65.4933, 42.4512, 96.0088



Protanomaly

49.6183, 40.9127, 99.0477



Deuteranomaly

49.1890, 40.8541, 91.6793



Tritanomaly

57.1048, 42.0452, 54.9749

Monochromacy



Original Color

65.4933, 42.4512, 96.0088



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

48.3028, 41.7925, 62.6477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4933, 42.4512, 96.0088 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(254, 124, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 124, 251)  
}
```

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(254, 124, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 124, 251) }
```

Border

The CSS property to change the border of an element to XYZ 65.4933, 42.4512, 96.0088 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(254, 124, 251) }
```


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

```
.border{ border-color:rgb(254, 124, 251) }
```

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

Here you see how a box with a 4 pixel rgb(254, 124, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 124, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 124, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 124,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4933, 42.4512, 96.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 124, 251) }
```

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

```
.background{ background-color: rgb(254,  
124, 251) }
```

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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