

Converting Colors

XYZ(66.0314, 44.4920,
103.6363)

Have a look what the booklet for
XYZ(66.0314, 44.4920, 103.6363)
contains.

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Color

**XYZ(65.2865, 44.2267,
99.7034)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F886FF |
| RGB | 248, 134, 255 |
| RGB Percent | 97%, 53%, 100% |
| CMY | 0.0274, 0.4745, 0.0000 |
| CMYK | 0.03, 0.47, 0.00, 0.00 |
| HSL | 297°, 100%, 76% |
| HSV | 297°, 47%, 100% |
| XYZ | 65.2865, 44.2267, 99.7034 |
| YIQ | 181.8800, 29.1030, 61.7990 |

Conversions

Conversions Part 2

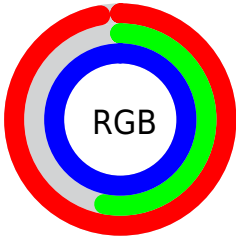
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 134, 255 |
| Decimal | 16287487 |
| CIE Lab | 72.38, 60.21, -41.83 |
| CIE LCh | 72, 73.321, 325.210 |
| Yxy | 44.2267, 0.3121, 0.2114 |
| Android (android.graphics.Color) | 4294477567 (0xFFFF886FF) |
| YUV | 181.8800, 36.0482, 57.9872 |
| Hunter-Lab | 66.5032, 58.8539, -42.3370 |

Details

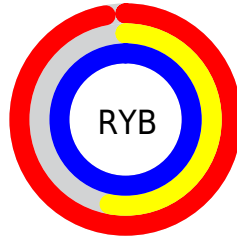
The XYZ color **65.2865, 44.2267, 99.7034** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.0487, 78.9045, 35.0960**, and the grayscale version is **44.1987, 46.5005, 50.6391**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **33.9753, 20.4880, 55.5900** is the 20% darker color. If you saturate the color by 10%, you get **61.6572, 37.7404, 98.6427**, and if you desaturate by 10%, it is **69.7724, 52.4181, 101.0480**.

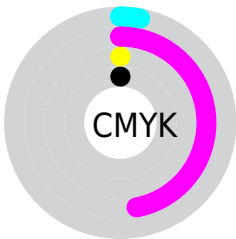
Distribution



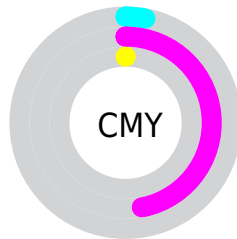
- Red (97%)
- Green (53%)
- Blue (100%)



- Red (97%)
- Yellow (53%)
- Blue (100%)



- Cyan (3%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2865, 44.2267, 99.7034 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 65.2865, 44.2267, 99.7034 by changing the saturation by 10% instead.


 65.2865, 44.2267,
99.7034


 65.2865, 44.2267,
99.7034


433.3498,
363.6326, 580.4799


 47.9590, 30.8488,
75.4374

 111.5251, 81.5588,
162.7978

 34.0055, 20.4837,
55.4674


 141.1669,
106.2817, 202.4633

 23.0608, 12.7471,
39.3749


 175.6441,
135.5551, 248.0990

 14.7593, 7.2547,
26.7414


215.3222,
169.7633, 300.1235

 8.7359, 3.6219,
17.1484

260.5664,
209.2908, 358.9553

 4.6250, 1.4644,
10.1773

311.7422,

 2.0614, 0.2635,

254.5219, 425.0129

5.4095

369.2149,
305.8410, 498.7149

■ 0.6681, 0.0000,
2.4266

■ 0.0000, 0.0000,
0.8009

■ 65.2865, 44.2267,
99.7034

■ 65.2865, 44.2267,
99.7034

■ 61.6572, 37.7404,
98.6427

■ 69.7724, 52.4181,
101.0480

■ 58.8180, 32.8292,
97.8444

■ 75.1664, 62.4206,
102.6944

■ 56.6998, 29.3540,
97.2852

■ 81.5212, 74.3386,
104.6599

■ 55.2196, 27.1486,
96.9376

■ 88.8841, 88.2665,
106.9602

■ 54.2691, 25.9964,
96.7653

95.0500, 100.0000,
108.9000

■ 54.0704, 25.7892,
96.7357

Harmonies

Analogous

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



53.2453, 44.2267, 142.4014



65.2865, 44.2267, 99.7034



71.1593, 44.2267, 54.1963

Triad

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



65.2865, 44.2267, 99.7034



44.0957, 44.2267, 6.7907



23.6780, 44.2267, 84.2468

Complementary

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



65.2865, 44.2267, 99.7034



51.0487, 78.9045, 35.0960

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.



22.1913, 44.2267, 42.5809



65.2865, 44.2267, 99.7034



32.5221, 44.2267, 8.6695

Square

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



65.2865, 44.2267, 99.7034



57.4617, 44.2267, 10.6550



25.0874, 44.2267, 18.3855



29.6524, 44.2267, 130.7743

Rectangle

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



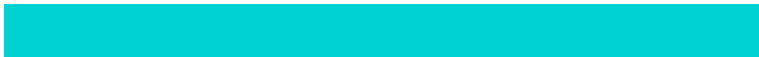
65.2865, 44.2267, 99.7034



70.0775, 44.2267, 32.1233



25.0874, 44.2267, 18.3855



22.6950, 44.2267, 68.7921

Sweetspot

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



65.2879, 44.2286, 99.7037



83.9442, 78.9102, 105.4146



37.5662, 31.6563, 98.7381



17.6400, 16.2718, 22.4610



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.



65.2879, 44.2286, 99.7037



61.8026, 37.9967, 98.6845



60.4941, 42.6031, 61.2660



18.6828, 18.2437, 22.7867



28.2977, 13.4985, 50.5486



2.7856, 1.3299, 4.9232

Inverse Universe

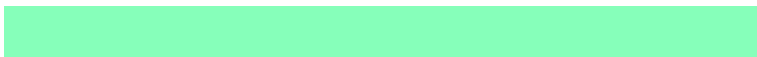
The Inverse Universe completely reimagines the original color for something new.



54.5739, 40.2350, 30.0907



50.0516, 33.6458, 21.0136



54.5019, 80.1526, 59.2966



18.0520, 18.0041, 18.8908



21.6096, 11.1331, 1.3284



2.1183, 1.0897, 0.2046

Previews

White Background



This preview shows how the XYZ color 65.2865, 44.2267, 99.7034 looks on a white background.

Color Contrast Check

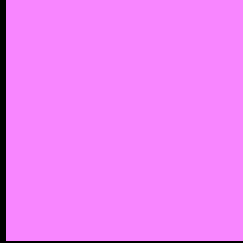
Large Text (above 18pt) WCAG AA × Fail

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 65.2865, 44.2267, 99.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

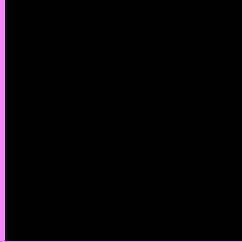
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2865, 44.2267, 99.7034

Background



This preview shows how black text looks on a background with the XYZ color 65.2865, 44.2267, 99.7034.



This preview shows how white text looks on a background with the XYZ color 65.2865, 44.2267,

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

65.2865, 44.2267, 99.7034

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.6403, 44.6361, 94.2058



Tritanopia

53.5293, 44.2004, 41.7866

Trichromacy



Original Color

65.2865, 44.2267, 99.7034



Protanomaly

50.8705, 42.8007, 100.1879



Deuteranomaly

50.7392, 43.0832, 96.0841

Tritanomaly

56.9024, 43.6454, 58.8514

Monochromacy



Original Color

65.2865, 44.2267, 99.7034



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

50.4174, 44.6355, 66.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2865, 44.2267, 99.7034 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(248, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 134, 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(248, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2865, 44.2267, 99.7034 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(248, 134, 255) }
```


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

```
.border{ border-color:rgb(248, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2865, 44.2267, 99.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 134, 255) }
```

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

```
.background{ background-color: rgb(248,  
134, 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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