

Converting Colors

XYZ(66.6118, 46.4515,
100.0629)

Have a look what the booklet for
XYZ(66.6118, 46.4515, 100.0629)
contains.

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Color

**XYZ(66.6418, 46.4095,
100.0533)**

Conversions

Conversions Part 1

Format	Color
Hex	F98DFF
RGB	249, 141, 255
RGB Percent	98%, 55%, 100%
CMY	0.0235, 0.4470, 0.0000
CMYK	0.02, 0.45, 0.00, 0.00
HSL	297°, 100%, 78%
HSV	297°, 45%, 100%
XYZ	66.6418, 46.4095, 100.0533
YIQ	186.2880, 27.7740, 58.3500

Conversions

Conversions Part 2

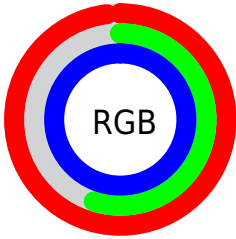
Format	Color
R _Y B	249, 141, 255
Decimal	16354815
CIE Lab	73.81, 57.08, -39.60
CIE LCh	74, 69.469, 325.252
Yxy	46.4095, 0.3127, 0.2178
Android (android.graphics.Color)	4294544895 (0xFFFF98DFF)
YUV	186.2880, 33.8750, 54.9984
Hunter-Lab	68.1245, 55.3971, -39.3910

Details

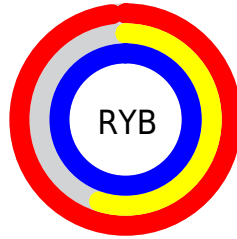
The XYZ color **66.6418, 46.4095, 100.0533** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.6015, 79.6467, 37.8025**, and the grayscale version is **46.6401, 49.0690, 53.4362**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **34.7560, 21.6799, 55.7789** is the 20% darker color. If you saturate the color by 10%, you get **62.8295, 39.4915, 98.9189**, and if you desaturate by 10%, it is **71.3259, 55.0642, 101.4769**.

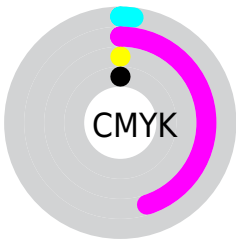
Distribution



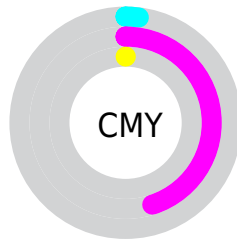
- Red (98%)
- Green (55%)
- Blue (100%)



- Red (98%)
- Yellow (55%)
- Blue (100%)



- Cyan (2%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6418, 46.4095, 100.0533 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 66.6418, 46.4095, 100.0533 by changing the saturation by 10% instead.


 66.6418, 46.4095,
100.0533


 66.6418, 46.4095,
100.0533


438.1212,
372.4525, 581.6117

 49.0632, 32.5691,
75.7279


 113.4596, 84.8315,
163.2829

 34.8844, 21.7965,
55.7041

 143.4296,
110.1819, 203.0243

 23.7399, 13.7075,
39.5633


178.2607,
140.1378, 248.7414

 15.2645, 7.9175,
26.8871

218.3183,
175.0834, 300.8527

 9.0927, 4.0422,
17.2567

263.9679,
215.4034, 359.7769

 4.8593, 1.6972,
10.2538

315.5746,

 2.1989, 0.4218,

261.4819, 425.9324

5.4598

373.5039,
313.7035, 499.7378

■ 0.7421, 0.0000,
2.4561

■ 0.0000, 0.0000,
0.8167

■ 66.6418, 46.4095,
100.0533

■ 66.6418, 46.4095,
100.0533

■ 62.8295, 39.4915,
98.9189

■ 71.3259, 55.0642,
101.4769

■ 59.8244, 34.1837,
98.0528

■ 76.9319, 65.5585,
103.2070

■ 57.5600, 30.3523,
97.4326

■ 83.5113, 77.9945,
105.2607

■ 55.9573, 27.8392,
97.0320

■ 91.1105, 92.4651,
107.6533

■ 54.9190, 26.4500, 95.0500, 100.0000,
96.8186 108.9000

■ 54.5247, 26.0234,
96.7570

Harmonies

Analogous

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



55.0368, 46.4095, 140.3788



66.6418, 46.4095, 100.0533



72.2614, 46.4095, 56.3733

Triad

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



66.6418, 46.4095, 100.0533



46.1059, 46.4095, 8.5413



25.9301, 46.4095, 85.4523

Complementary

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



66.6418, 46.4095, 100.0533



52.6015, 79.6467, 37.8025

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.



24.4250, 46.4095, 45.1089



66.6418, 46.4095, 100.0533



34.7360, 46.4095, 10.6035

Square

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



66.6418, 46.4095, 100.0533



59.0778, 46.4095, 12.7183



27.3341, 46.4095, 20.8353



31.9127, 46.4095, 129.5450

Rectangle

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



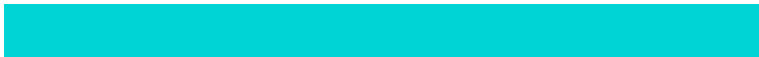
66.6418, 46.4095, 100.0533



71.2174, 46.4095, 34.6693



27.3341, 46.4095, 20.8353



24.9375, 46.4095, 70.6177

Sweetspot

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



66.6433, 46.4115, 100.0536



84.7326, 80.3136, 105.6439



39.7206, 34.2534, 99.1258



17.7988, 16.5498, 22.5063



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.



66.6433, 46.4115, 100.0536



63.0707, 39.9242, 98.9897



61.8580, 44.7484, 63.5167



18.6927, 18.2488, 22.7871



28.5314, 13.6189, 50.5595



2.8058, 1.3403, 4.9241

Inverse Universe

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



56.0325, 42.4181, 32.8397



51.3090, 35.5217, 23.4023



56.0839, 80.9186, 61.6095



18.0481, 18.0026, 18.8705



21.6039, 11.1309, 1.2988



2.1165, 1.0890, 0.1950

Previews

White Background



This preview shows how the XYZ color 66.6418, 46.4095, 100.0533 looks on a white background.

Color Contrast Check

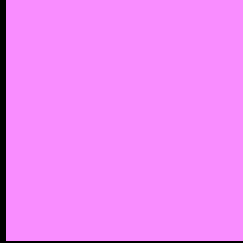
Large Text (above 18pt) WCAG AA × Fail

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 66.6418, 46.4095, 100.0533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

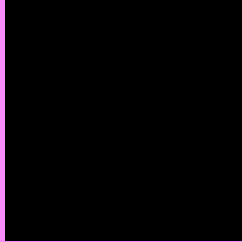
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6418, 46.4095, 100.0533

Background



This preview shows how black text looks on a background with the XYZ color 66.6418, 46.4095, 100.0533.



This preview shows how white text looks on a background with the XYZ color 66.6418, 46.4095,

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

66.6418, 46.4095, 100.0533

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.9637, 46.6989, 95.2928



Tritanopia

55.2771, 46.2973, 45.0526

Trichromacy



Original Color

66.6418, 46.4095, 100.0533



Protanomaly

52.7403, 45.0774, 100.5288



Deuteranomaly

53.1159, 45.3446, 97.2197

Tritanomaly

58.6699, 45.9240, 61.6491

Monochromacy



Original Color

66.6418, 46.4095, 100.0533



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

52.4271, 47.0079, 67.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6418, 46.4095, 100.0533 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(249, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 141, 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(249, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.6418, 46.4095, 100.0533 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(249, 141, 255) }
```


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

```
.border{ border-color:rgb(249, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6418, 46.4095, 100.0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 141, 255) }
```

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

```
.background{ background-color: rgb(249,  
141, 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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