

Converting Colors

XYZ(66.2382, 49.9257, 94.9256)

Have a look what the booklet for
XYZ(66.2382, 49.9257, 94.9256)
contains.

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Color

**XYZ(66.1400, 49.7873,
94.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	F49CF8
RGB	244, 156, 248
RGB Percent	96%, 61%, 97%
CMY	0.0431, 0.3882, 0.0274
CMYK	0.02, 0.37, 0.00, 0.03
HSL	297°, 87%, 79%
HSV	297°, 37%, 97%
XYZ	66.1400, 49.7873, 94.9309
YIQ	192.8000, 22.9160, 47.2680

Conversions

Conversions Part 2

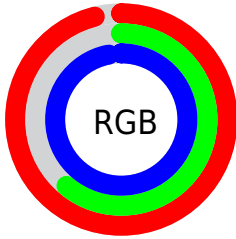
Format	Color
RYB	244, 156, 248
Decimal	16030968
CIELab	75.94, 46.79, -32.55
CIELCh	76, 56.998, 325.175
Yxy	49.7873, 0.3137, 0.2361
Android (android.graphics.Color)	4294221048 (0xFFFF49CF8)
YUV	192.8000, 27.2136, 44.9024
Hunter-Lab	70.5601, 43.8380, -30.3761

Details

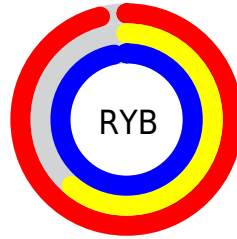
The XYZ color **66.1400, 49.7873, 94.9309** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.0669, 77.0099, 43.4696**, and the grayscale version is **50.4085, 53.0337, 57.7537**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **34.5039, 23.9012, 52.0850** is the 20% darker color. If you saturate the color by 10%, you get **62.0232, 42.1063, 93.6660**, and if you desaturate by 10%, it is **71.1118, 59.1728, 96.4812**.

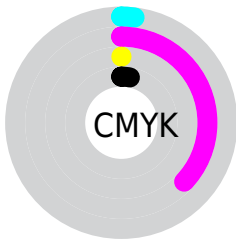
Distribution



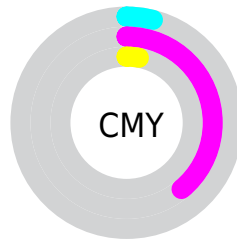
- Red (96%)
- Green (61%)
- Blue (97%)



- Red (96%)
- Yellow (61%)
- Blue (97%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (39%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1400, 49.7873, 94.9309 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 66.1400, 49.7873, 94.9309 by changing the saturation by 10% instead.


 66.1400, 49.7873,
94.9309


 66.1400, 49.7873,
94.9309


436.3582,
385.8336, 564.9224

 48.6542, 35.2444,
71.4809

 112.7439, 89.8597,
156.1639

 34.5586, 23.8512,
52.2505


 142.5926,
116.1579, 194.7840

 23.4880, 15.2233,
36.8212


177.2931,
147.1434, 239.2978

 15.0769, 8.9762,
24.7744

217.2106,
183.2006, 290.1239

 8.9601, 4.7257,
15.6915

262.7105,
224.7138, 347.6809

 4.7720, 2.0872,
9.1542

314.1581,

 2.1475, 0.6574,

272.0674, 412.3873

4.7437

371.9189,
325.6459, 484.6616

■ 0.7149, 0.0000,
2.0416

■ 0.0000, 0.0000,
0.5807

■ 66.1400, 49.7873,
94.9309

■ 66.1400, 49.7873,
94.9309

■ 62.0232, 42.1063,
93.6660

■ 71.1118, 59.1728,
96.4812

■ 58.7043, 36.0191,
92.6660

■ 76.9813, 70.3516,
98.3295

■ 56.1274, 31.4125,
91.9126

■ 83.7943, 83.4141,
100.4918

■ 54.2268, 28.1554,
91.3841

■ 91.5263, 98.3113,
102.9597

52.9257, 26.0938,
91.0548

91.9103, 98.5092,
102.9777

52.1251, 25.0303,
90.8917

92.2965, 98.7083,
102.9957

51.9421, 24.8199,
90.8607

92.6849, 98.9086,
103.0139

93.0755, 99.1099,
103.0322

93.4683, 99.3125,
103.0506

Harmonies

Analogous

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



56.5495, 49.7873, 126.2225



66.1400, 49.7873, 94.9309



70.7229, 49.7873, 59.2784

Triad

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



66.1400, 49.7873, 94.9309



49.0595, 49.7873, 14.3244



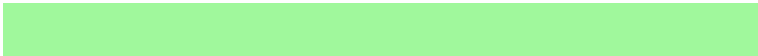
31.1433, 49.7873, 83.0846

Complementary

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



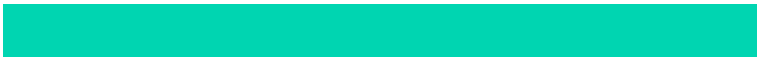
66.1400, 49.7873, 94.9309



54.0669, 77.0099, 43.4696

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.



29.7518, 49.7873, 49.4389



66.1400, 49.7873, 94.9309



39.1560, 49.7873, 16.6412

Square

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



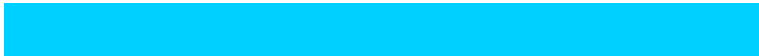
66.1400, 49.7873, 94.9309



59.9657, 49.7873, 18.9811



32.4608, 49.7873, 27.2033



36.5925, 49.7873, 117.7781

Rectangle

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



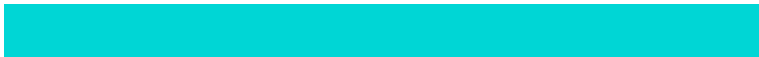
66.1400, 49.7873, 94.9309



69.8900, 49.7873, 40.2977



32.4608, 49.7873, 27.2033



30.2237, 49.7873, 71.0039

Sweetspot

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



66.1416, 49.7895, 94.9320



86.2982, 83.1603, 106.1109



43.3307, 39.1977, 94.0898



18.2593, 17.3930, 22.6448



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.



66.1416, 49.7895, 94.9320



66.8932, 46.3755, 100.0334



61.8150, 48.2209, 64.8268



17.9141, 17.4839, 21.8158



28.0911, 13.4242, 49.0841



2.6242, 1.2549, 4.5471

Inverse Universe

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



56.9466, 46.2735, 39.1899



55.7839, 42.1410, 32.0783



57.4033, 78.2535, 65.1449



17.2752, 17.2374, 18.0389



20.9569, 10.7985, 1.2153



1.9514, 1.0043, 0.1674

Previews

White Background



This preview shows how the XYZ color 66.1400, 49.7873, 94.9309 looks on a white background.

Color Contrast Check

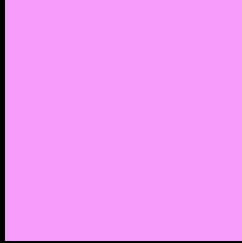
Large Text (above 18pt) WCAG AA × Fail

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 66.1400, 49.7873, 94.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

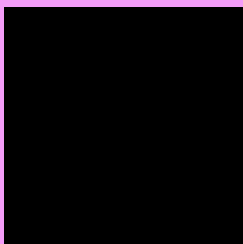
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1400, 49.7873, 94.9309

Background



This preview shows how black text looks on a background with the XYZ color 66.1400, 49.7873, 94.9309.



This preview shows how white text looks on a background with the XYZ color 66.1400, 49.7873,

94.9309.

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

66.1400, 49.7873, 94.9309

Protanopia

51.1248, 50.0249, 101.5689

Deuteranopia

51.2226, 49.9822, 91.7418



Tritanopia

57.1829, 49.8305, 51.4041

Trichromacy



Original Color

66.1400, 49.7873, 94.9309



Protanomaly

54.9549, 48.7697, 98.6125



Deuteranomaly

55.7049, 49.2822, 92.9626



Tritanomaly

59.9775, 49.5924, 65.4426

Monochromacy



Original Color

66.1400, 49.7873, 94.9309



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.4829, 51.4437, 69.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1400, 49.7873, 94.9309 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(244, 156, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 248)  
}
```

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(244, 156, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 248) }
```

Border

The CSS property to change the border of an element to XYZ 66.1400, 49.7873, 94.9309 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(244, 156, 248) }
```


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

```
.border{ border-color:rgb(244, 156, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 156, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1400, 49.7873, 94.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 248) }
```

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

```
.background{ background-color: rgb(244,  
156, 248) }
```

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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