

Converting Colors

XYZ(69.7504, 50.7826,
100.7335)

Have a look what the booklet for
XYZ(69.7504, 50.7826, 100.7335)
contains.

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Color

**XYZ(69.5861, 50.6979,
100.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	FC99FF
RGB	252, 153, 255
RGB Percent	99%, 60%, 100%
CMY	0.0118, 0.4000, 0.0000
CMYK	0.01, 0.40, 0.00, 0.00
HSL	298°, 100%, 80%
HSV	298°, 40%, 100%
XYZ	69.5861, 50.6979, 100.7258
YIQ	194.2290, 26.2620, 52.7100

Conversions

Conversions Part 2

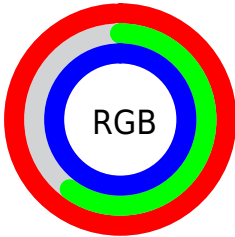
Format	Color
R _Y B	252, 153, 255
Decimal	16554495
CIE Lab	76.50, 51.95, -35.40
CIE LCh	76, 62.868, 325.730
Yxy	50.6979, 0.3149, 0.2294
Android (android.graphics.Color)	4294744575 (0xFFFC99FF)
YUV	194.2290, 29.9601, 50.6652
Hunter-Lab	71.2025, 49.8436, -34.0322

Details

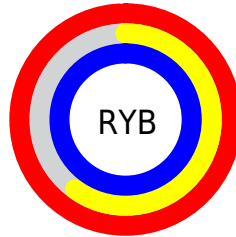
The XYZ color **69.5861, 50.6979, 100.7258** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.2213, 80.8884, 42.8420**, and the grayscale version is **51.2325, 53.9006, 58.6977**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **36.9030, 24.4702, 56.2043** is the 20% darker color. If you saturate the color by 10%, you get **65.5794, 43.0858, 99.4677**, and if you desaturate by 10%, it is **74.4887, 60.0984, 102.2819**.

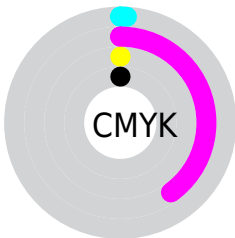
Distribution



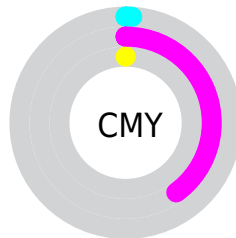
- Red (99%)
- Green (60%)
- Blue (100%)



- Red (99%)
- Yellow (60%)
- Blue (100%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5861, 50.6979, 100.7258 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 69.5861, 50.6979, 100.7258 by changing the saturation by 10% instead.


 69.5861, 50.6979,
100.7258


 69.5861, 50.6979,
100.7258


448.3845,
389.3889, 583.7837

 51.4676, 35.9682,
76.2866


 117.6478, 91.2081,
164.2148

 36.8034, 24.4097,
56.1595


 148.3217,
117.7574, 204.1017

 25.2283, 15.6378,
39.9259


183.9114,
149.0153, 249.9748

 16.3769, 9.2682,
27.1675


224.7822,
185.3663, 302.2528

 9.8838, 4.9165,
17.4655

271.2996,
227.1948, 361.3541

 5.3836, 2.1984,
10.4015

323.8289,

 2.5111, 0.7191,

274.8851, 427.6973

5.5569

382.7354,
328.8217, 501.7010

■ 0.9009, 0.0000,
2.5132

■ 0.0000, 0.0000,
0.8471

■ 69.5861, 50.6979,
100.7258

■ 69.5861, 50.6979,
100.7258

■ 65.5794, 43.0858,
99.4677

■ 74.4887, 60.0984,
102.2819

■ 62.4066, 37.1408,
98.4874

■ 80.3348, 71.3852,
104.1524

■ 60.0052, 32.7372,
97.7640

■ 87.1742, 84.6570,
106.3536

■ 58.3021, 29.7285,
97.2730

95.0500, 100.0000,
108.9000

■ 57.2099, 27.9399,
96.9854

■ 56.5858, 27.0860,
96.8535

■ 56.5857, 27.0859,
96.8534

Harmonies

Analogous

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



58.7760, 50.6979, 137.3697



69.5861, 50.6979, 100.7258



74.6807, 50.6979, 60.2059

Triad

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



69.5861, 50.6979, 100.7258



49.9040, 50.6979, 12.3383



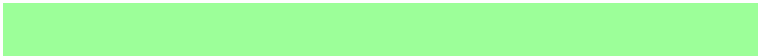
30.4307, 50.6979, 88.6706

Complementary

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



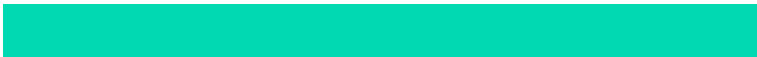
69.5861, 50.6979, 100.7258



55.2213, 80.8884, 42.8420

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.



28.8421, 50.6979, 50.4822



69.5861, 50.6979, 100.7258



38.9526, 50.6979, 14.8037

Square

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



69.5861, 50.6979, 100.7258



62.1960, 50.6979, 16.9184



31.6971, 50.6979, 25.9971



36.4571, 50.6979, 128.6360

Rectangle

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



69.5861, 50.6979, 100.7258



73.6271, 50.6979, 39.3266



31.6971, 50.6979, 25.9971



29.4072, 50.6979, 74.8594

Sweetspot

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



69.5877, 50.7001, 100.7262



85.7231, 81.8364, 105.8856



43.1446, 37.9061, 99.6504



18.1504, 17.1320, 22.6001



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.



69.5877, 50.7001, 100.7262



66.3115, 44.4697, 99.6962



63.9439, 48.5690, 65.2944



18.7368, 18.2715, 22.7892



29.5909, 14.1652, 50.6091



2.8971, 1.3875, 4.9284

Inverse Universe

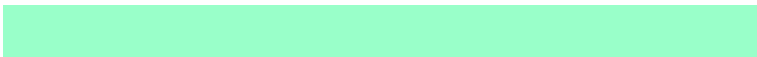
The Inverse Universe completely reimagines the original color for something new.



58.6332, 46.4448, 37.3287



54.0309, 39.7089, 28.1833



59.3939, 82.4912, 67.8058



18.0310, 17.9957, 18.7805



21.5796, 11.1211, 1.1707



2.1084, 1.0857, 0.1523

Previews

White Background



This preview shows how the XYZ color 69.5861, 50.6979, 100.7258 looks on a white background.

Color Contrast Check

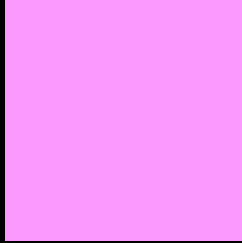
Large Text (above 18pt) WCAG AA × Fail

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 69.5861, 50.6979, 100.7258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

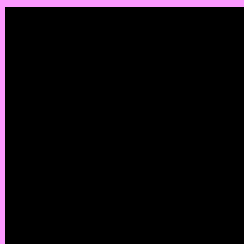
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5861, 50.6979, 100.7258

Background



This preview shows how black text looks on a background with the XYZ color 69.5861, 50.6979, 100.7258.



This preview shows how white text looks on a background with the XYZ color 69.5861, 50.6979,

100.7258.

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

69.5861, 50.6979, 100.7258

Protanopia

51.9688, 51.0855, 101.7292

Deuteranopia

52.3370, 51.0713, 96.7218



Tritanopia

59.2494, 50.6306, 50.9059

Trichromacy



Original Color

69.5861, 50.6979, 100.7258



Protanomaly

56.9332, 50.0221, 101.2623



Deuteranomaly

57.1772, 49.9336, 97.8914

Tritanomaly

62.6119, 50.3907, 66.7480

Monochromacy



Original Color

69.5861, 50.6979, 100.7258



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

56.5391, 51.6451, 71.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5861, 50.6979, 100.7258 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(252, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 153, 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(252, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.5861, 50.6979, 100.7258 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(252, 153, 255) }
```


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

```
.border{ border-color:rgb(252, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5861, 50.6979, 100.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 153, 255) }
```

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

```
.background{ background-color: rgb(252,  
153, 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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