

Converting Colors

XYZ(78.0953, 56.7167,
145.6295)

Have a look what the booklet for
XYZ(78.0953, 56.7167, 145.6295)
contains.

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Color

**XYZ(69.5050, 53.1885,
101.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A3FF
RGB	247, 163, 255
RGB Percent	97%, 64%, 100%
CMY	0.0314, 0.3608, 0.0000
CMYK	0.03, 0.36, 0.00, 0.00
HSL	295°, 100%, 82%
HSV	295°, 36%, 100%
XYZ	69.5050, 53.1885, 101.2108
YIQ	198.6040, 20.5320, 46.4200

Conversions

Conversions Part 2

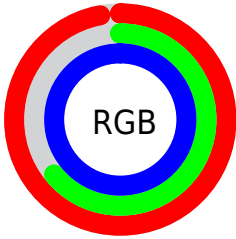
Format	Color
RYB	247, 163, 255
Decimal	16229375
CIELab	77.99, 45.35, -33.14
CIELCh	78, 56.173, 323.842
Yxy	53.1885, 0.3104, 0.2376
Android (android.graphics.Color)	4294419455 (0xFFFF7A3FF)
YUV	198.6040, 27.8032, 42.4433
Hunter-Lab	72.9304, 42.4878, -31.2297

Details

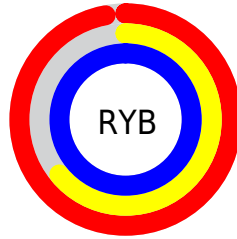
The XYZ color **69.5050, 53.1885, 101.2108** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.1666, 82.8228, 47.5208**, and the grayscale version is **53.8727, 56.6783, 61.7226**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **36.6479, 25.8333, 56.4808** is the 20% darker color. If you saturate the color by 10%, you get **64.6489, 44.6291, 99.8147**, and if you desaturate by 10%, it is **75.2864, 63.5827, 102.9124**.

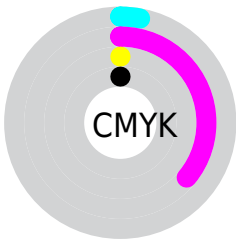
Distribution



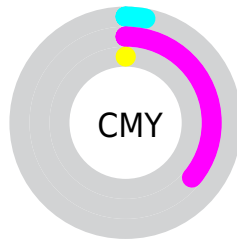
- Red (97%)
- Green (64%)
- Blue (100%)



- Red (97%)
- Yellow (64%)
- Blue (100%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5050, 53.1885, 101.2108 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 69.5050, 53.1885, 101.2108 by changing the saturation by 10% instead.


 69.5050, 53.1885,
101.2108


 69.5050, 53.1885,
101.2108


448.1036,
399.0079, 585.3475

 51.4012, 37.9533,
76.6896


 117.5327, 94.8817,
164.8865

 36.7504, 25.9464,
56.4881


 148.1873,
122.1084, 204.8780

 25.1871, 16.7836,
40.1878


183.7563,
154.1011, 250.8634

 16.3459, 10.0803,
27.3701

224.6050,
191.2442, 303.2613

 9.8617, 5.4522,
17.6165

271.0987,
233.9220, 362.4901

 5.3689, 2.5150,
10.5084

323.6028,

 2.5023, 0.8841,

282.5190, 428.9683

5.6273

382.4827,
337.4195, 503.1146

■ 0.8964, 0.0000,
2.5547

■ 0.0000, 0.0000,
0.8690

■ 69.5050, 53.1885,
101.2108

■ 69.5050, 53.1885,
101.2108

■ 64.6489, 44.6291,
99.8147

■ 75.2864, 63.5827,
102.9124

■ 60.6580, 37.7874,
98.7044

■ 82.0388, 75.9061,
104.9352

■ 57.4728, 32.5433,
97.8601

■ 89.8107, 90.2546,
107.2951

■ 55.0240, 28.7584,
97.2586

95.0500, 100.0000,
108.9000

■ 53.2306, 26.2707,
96.8729

■ 51.9920, 24.8789,
96.6696

■ 51.5990, 24.5151,
96.6201

Harmonies

Analogous

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



59.5400, 53.1885, 132.3127



69.5050, 53.1885, 101.2108



74.4771, 53.1885, 64.6166

Triad

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



69.5050, 53.1885, 101.2108



52.8435, 53.1885, 16.3004



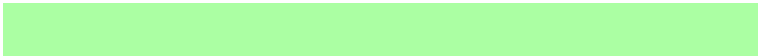
33.6556, 53.1885, 85.8288

Complementary

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



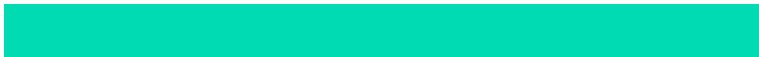
69.5050, 53.1885, 101.2108



59.1666, 82.8228, 47.5208

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.



32.3959, 53.1885, 51.6903



69.5050, 53.1885, 101.2108



42.5211, 53.1885, 18.4464

Square

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



69.5050, 53.1885, 101.2108



64.0044, 53.1885, 21.6265



35.4049, 53.1885, 29.1511



39.1339, 53.1885, 121.4198

Rectangle

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



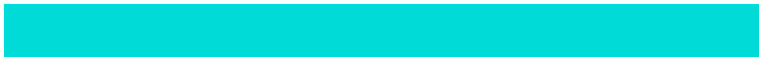
69.5050, 53.1885, 101.2108



73.8452, 53.1885, 44.6659



35.4049, 53.1885, 29.1511



32.7610, 53.1885, 73.5507

Sweetspot

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



69.5066, 53.1908, 101.2112



85.8539, 82.9312, 106.0901



47.9468, 44.5901, 100.6874



18.1526, 17.3380, 22.6398



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.



69.5066, 53.1908, 101.2112



66.0483, 47.0745, 100.2129



67.0195, 52.5288, 73.0752



18.6277, 18.2153, 22.7841



27.0262, 12.8430, 50.4891



2.6753, 1.2731, 4.9180

Inverse Universe

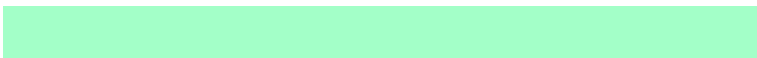
The Inverse Universe completely reimagines the original color for something new.



61.6891, 50.3966, 45.0058



57.3255, 43.9806, 36.4265



61.2676, 83.4680, 67.4048



18.0735, 18.0127, 19.0041



21.6471, 11.1481, 1.5260



2.1285, 1.0938, 0.2581

Previews

White Background



This preview shows how the XYZ color 69.5050, 53.1885, 101.2108 looks on a white background.

Color Contrast Check

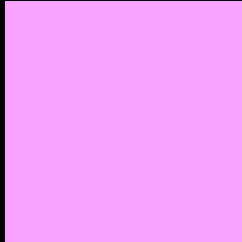
Large Text (above 18pt) WCAG AA × Fail

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 69.5050, 53.1885, 101.2108 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 69.5050, 53.1885, 101.2108

Background



This preview shows how black text looks on a background with the XYZ color 69.5050, 53.1885, 101.2108.



This preview shows how white text looks on a background with the XYZ color 69.5050, 53.1885,

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

69.5050, 53.1885, 101.2108

Protanopia

54.1364, 53.4803, 102.0772

Deuteranopia

54.9602, 53.6741, 97.9059



Tritanopia

60.0795, 52.9455, 55.7682

Trichromacy



Original Color

69.5050, 53.1885, 101.2108



Protanomaly

58.6613, 52.6853, 101.6852



Deuteranomaly

59.3455, 52.7926, 99.1576

Tritanomaly

62.9761, 52.6816, 70.4677

Monochromacy



Original Color

69.5050, 53.1885, 101.2108



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.6640, 54.8312, 74.5094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5050, 53.1885, 101.2108 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(247, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 163, 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(247, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.5050, 53.1885, 101.2108 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(247, 163, 255) }
```


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

```
.border{ border-color:rgb(247, 163, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 163, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5050, 53.1885, 101.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 163, 255) }
```

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

```
.background{ background-color: rgb(247,  
163, 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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