

Converting Colors

XYZ(69.6301, 54.9578, 97.1680)

Have a look what the booklet for
XYZ(69.6301, 54.9578, 97.1680)
contains.

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Color

**XYZ(69.8011, 55.0522,
97.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A9FA
RGB	247, 169, 250
RGB Percent	97%, 66%, 98%
CMY	0.0314, 0.3372, 0.0196
CMYK	0.01, 0.32, 0.00, 0.02
HSL	298°, 89%, 82%
HSV	298°, 32%, 98%
XYZ	69.8011, 55.0522, 97.3897
YIQ	201.5560, 20.4870, 41.7270

Conversions

Conversions Part 2

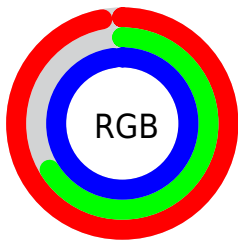
Format	Color
R _Y B	247, 169, 250
Decimal	16230906
CIE Lab	79.07, 41.32, -28.78
CIE LCh	79, 50.353, 325.136
Yxy	55.0522, 0.3141, 0.2477
Android (android.graphics.Color)	4294420986 (0xFFFF7A9FA)
YUV	201.5560, 23.8829, 39.8544
Hunter-Lab	74.1972, 38.0791, -25.8848

Details

The XYZ color **69.8011, 55.0522, 97.3897** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.3621, 80.0078, 49.9058**, and the grayscale version is **55.7113, 58.6126, 63.8292**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **36.7426, 26.9305, 53.7136** is the 20% darker color. If you saturate the color by 10%, you get **65.2623, 46.4569, 95.9707**, and if you desaturate by 10%, it is **75.2342, 65.4314, 99.1075**.

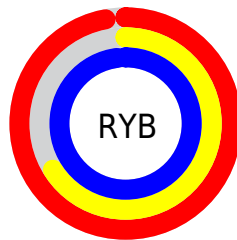
Distribution



Red (97%)

Green (66%)

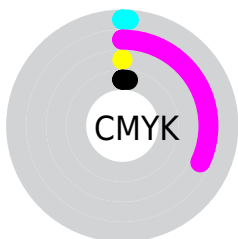
Blue (98%)



Red (97%)

Yellow (66%)

Blue (98%)

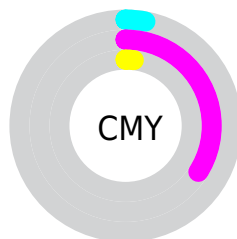


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (3%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8011, 55.0522, 97.3897 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 69.8011, 55.0522, 97.3897 by changing the saturation by 10% instead.

69.8011, 55.0522,
97.3897

69.8011, 55.0522,
97.3897

449.1286,
406.1098, 572.9660

51.6434, 39.4435,
73.5177

117.9529, 97.6174,
159.5858

36.9440, 27.1049,
53.9050

148.6777,
125.3428, 198.7470

25.3376, 17.6520,
38.1330

184.3222,
157.8758, 243.8417

16.4589, 10.7005,
25.7833

225.2519,
195.6009, 295.2884

9.9423, 5.8658,
16.4373

271.8320,
238.9024, 353.5056

5.4227, 2.7636,
9.6764

324.4279,

2.5346, 1.0096,

288.1648, 418.9119

5.0822

383.4050,
343.7725, 491.9259

0.9128, 0.0000,
2.2360

0.0000, 0.0000,
0.6950

69.8011, 55.0522,
97.3897

69.8011, 55.0522,
97.3897

65.2623, 46.4569,
95.9707

75.2342, 65.4314,
99.1075

61.5616, 39.5366,
94.8300

81.6031, 77.6809,
101.1363

58.6449, 34.1818,
93.9501

88.9530, 91.8901,
103.4915

56.4494, 30.2670,
93.3102

92.6928, 98.8766,
104.6429

54.9026, 27.6473,
92.8861

93.0266, 99.0487,
104.6586

53.9171, 26.1478,
92.6486

93.3621, 99.2216,
104.6743

53.4438, 25.5579,
92.5597

93.6991, 99.3954,
104.6900

94.0378, 99.5700,
104.7059

94.2555, 99.6822,
104.7161

Harmonies

Analogous

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



60.9536, 55.0522, 125.1492



69.8011, 55.0522, 97.3897



73.9936, 55.0522, 64.7498

Triad

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



69.8011, 55.0522, 97.3897



53.9782, 55.0522, 20.0290



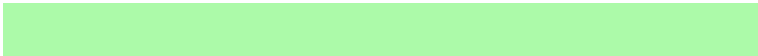
36.7339, 55.0522, 86.6016

Complementary

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



69.8011, 55.0522, 97.3897



58.3621, 80.0078, 49.9058

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.



35.3634, 55.0522, 55.3792



69.8011, 55.0522, 97.3897



44.5526, 55.0522, 22.5511

Square

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



69.8011, 55.0522, 97.3897



64.1441, 55.0522, 25.0814



38.0411, 55.0522, 33.5853



42.0558, 55.0522, 117.6523

Rectangle

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



69.8011, 55.0522, 97.3897



73.2407, 55.0522, 46.6447



38.0411, 55.0522, 33.5853



35.8272, 55.0522, 75.5540

Sweetspot

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



69.8029, 55.0546, 97.3909



87.1013, 84.6171, 106.3497



48.5729, 45.2461, 96.6166



18.4222, 17.6848, 22.6925



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.



69.8029, 55.0546, 97.3909



69.7613, 51.4144, 100.8549



65.6942, 53.5343, 70.1901



17.9258, 17.4899, 21.8164



28.3764, 13.5713, 49.0975



2.6474, 1.2669, 4.5482

Inverse Universe

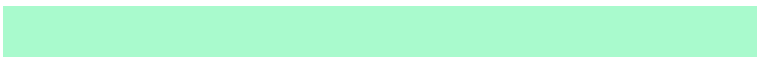
The Inverse Universe completely reimagines the original color for something new.



61.0605, 51.6808, 45.7891



59.3313, 47.3975, 38.9283



61.6235, 81.2371, 70.4774



17.2707, 17.2356, 18.0150



20.9502, 10.7958, 1.1802



1.9492, 1.0034, 0.1560

Previews

White Background



This preview shows how the XYZ color 69.8011, 55.0522, 97.3897 looks on a white background.

Color Contrast Check

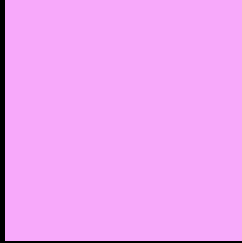
Large Text (above 18pt) WCAG AA × Fail

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 69.8011, 55.0522, 97.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

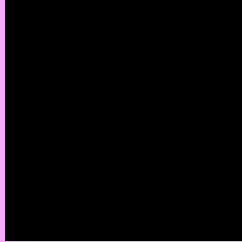
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8011, 55.0522, 97.3897

Background



This preview shows how black text looks on a background with the XYZ color 69.8011, 55.0522, 97.3897.



This preview shows how white text looks on a background with the XYZ color 69.8011, 55.0522,

97.3897.

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

69.8011, 55.0522, 97.3897

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.7194, 55.3002, 94.8734



Tritanopia

61.6555, 54.8883, 58.3838

Trichromacy



Original Color

69.8011, 55.0522, 97.3897



Protanomaly

59.9804, 54.6271, 100.3113



Deuteranomaly

60.7930, 54.8453, 95.3777



Tritanomaly

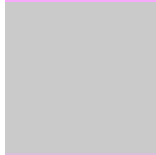
64.2809, 54.7830, 70.8045

Monochromacy



Original Color

69.8011, 55.0522, 97.3897



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.1131, 56.8468, 74.8221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8011, 55.0522, 97.3897 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, 169, 250)` looks like.

```
.text, #text, p{  
    color:rgb(247, 169, 250)  
}
```

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, 169, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 169, 250) }
```

Border

The CSS property to change the border of an element to XYZ 69.8011, 55.0522, 97.3897 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, 169, 250) }
```


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

```
.border{ border-color:rgb(247, 169, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 169, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 169, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 169, 250);  
box-shadow:4px 4px 4px 4px rgb(247, 169,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8011, 55.0522, 97.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 169, 250) }
```

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

```
.background{ background-color: rgb(247,  
169, 250) }
```

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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