

Converting Colors

XYZ(69.3931, 55.7517, 94.2925)

Have a look what the booklet for
XYZ(69.3931, 55.7517, 94.2925)
contains.

XYZ(69.3931, 55.7517, 94.2925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.3931, 55.7517,
94.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ACF6
RGB	246, 172, 246
RGB Percent	96%, 67%, 96%
CMY	0.0353, 0.3255, 0.0353
CMYK	0.00, 0.30, 0.00, 0.04
HSL	300°, 80%, 82%
HSV	300°, 30%, 96%
XYZ	69.3931, 55.7517, 94.2925
YIQ	202.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

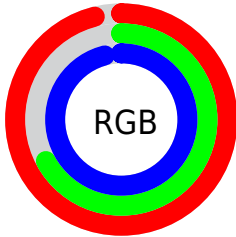
Format	Color
R _Y B	246, 172, 246
Decimal	16166134
CIE Lab	79.47, 38.71, -26.03
CIE LCh	79, 46.643, 326.082
Yxy	55.7517, 0.3162, 0.2541
Android (android.graphics.Color)	4294356214 (0xFFFF6ACF6)
YUV	202.5620, 21.4149, 38.0951
Hunter-Lab	74.6671, 35.2246, -22.6068

Details

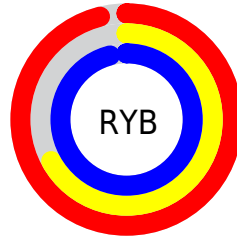
The XYZ color **69.3931, 55.7517, 94.2925** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.4177, 77.6626, 50.9970**, and the grayscale version is **56.3530, 59.2878, 64.5644**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **36.7590, 27.4934, 52.0845** is the 20% darker color. If you saturate the color by 10%, you get **65.1381, 47.2407, 92.8746**, and if you desaturate by 10%, it is **74.5182, 66.0007, 96.0016**.

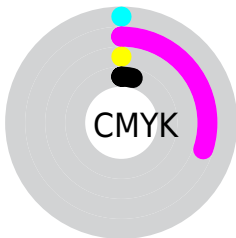
Distribution



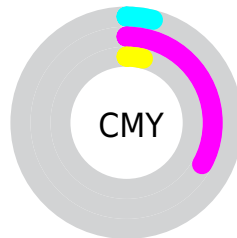
- Red (96%)
- Green (67%)
- Blue (96%)



- Red (96%)
- Yellow (67%)
- Blue (96%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3931, 55.7517, 94.2925 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 69.3931, 55.7517, 94.2925 by changing the saturation by 10% instead.

69.3931, 55.7517,
94.2925

69.3931, 55.7517,
94.2925

447.7159,
408.7551, 562.8239

51.3097, 40.0039,
70.9526

117.3739, 98.6414,
155.2740

36.6772, 27.5416,
51.8219

148.0020,
126.5522, 193.7526

25.1302, 17.9804,
36.4819

183.5423,
159.2860, 238.1147

16.3033, 10.9359,
24.5140

224.3604,
197.2272, 288.7786

9.8313, 6.0237,
15.4996

270.8214,
240.7604, 346.1629

5.3486, 2.8595,
9.0203

323.2907,


2.4901, 1.0588,


290.2698, 410.6862


4.6574


382.1338,
346.1399, 482.7670

 0.8903, 0.0000,
1.9925


 0.0000, 0.0000,
0.5507


 69.3931, 55.7517,
94.2925


 69.3931, 55.7517,
94.2925

 65.1381, 47.2407,
92.8746


 74.5182, 66.0007,
96.0016


 61.7000, 40.3646,
91.7284

 80.5522, 78.0687,
98.0131

 59.0281, 35.0207,
90.8376

 87.5382, 92.0406,
100.3419

 57.0637, 31.0919,
90.1827

 90.4014, 97.7670,
101.2965

■ 55.7397, 28.4440,
89.7412

■ 90.4014, 97.7671,
101.2966

■ 54.9761, 26.9170,
89.4866

■ 90.4015, 97.7671,
101.2968

■ 54.6411, 26.2469,
89.3747

■ 90.4015, 97.7671,
101.2969

■ 90.4015, 97.7671,
101.2971

■ 90.4016, 97.7671,
101.2973

Harmonies

Analogous

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



61.3135, 55.7517, 119.8495



69.3931, 55.7517, 94.2925



73.0760, 55.7517, 64.2992

Triad

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



69.3931, 55.7517, 94.2925



54.2312, 55.7517, 22.4039



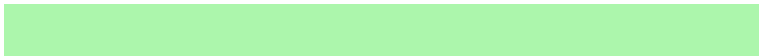
38.3983, 55.7517, 86.3355

Complementary

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



69.3931, 55.7517, 94.2925



57.4177, 77.6626, 50.9970

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.



36.9701, 55.7517, 57.2456



69.3931, 55.7517, 94.2925



45.4567, 55.7517, 25.1508

Square

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



69.3931, 55.7517, 94.2925



63.6941, 55.7517, 27.1619



39.4003, 55.7517, 36.2219



43.5583, 55.7517, 114.3850

Rectangle

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



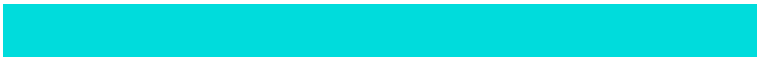
69.3931, 55.7517, 94.2925



72.2577, 55.7517, 47.5023



39.4003, 55.7517, 36.2219



37.4941, 55.7517, 76.1500

Sweetspot

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



69.3949, 55.7541, 94.2937



88.1607, 86.2214, 106.6034



48.4028, 44.9324, 93.3118



18.6488, 18.0124, 22.7438



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.



69.3949, 55.7541, 94.2937



72.4226, 54.7454, 101.3570



64.2692, 53.7039, 67.3024



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7041



2.5633, 1.2313, 4.1927

Inverse Universe

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



69.3949, 55.7541, 94.2937



72.4226, 54.7454, 101.3570



61.4798, 79.2874, 72.3876



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7041



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 69.3931, 55.7517, 94.2925 looks on a white background.

Color Contrast Check

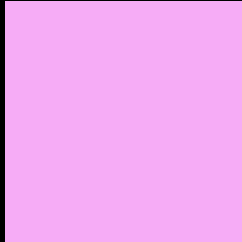
Large Text (above 18pt) WCAG AA × Fail

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 69.3931, 55.7517, 94.2925 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 69.3931, 55.7517, 94.2925

Background



This preview shows how black text looks on a background with the XYZ color 69.3931, 55.7517, 94.2925.



This preview shows how white text looks on a background with the XYZ color 69.3931, 55.7517,

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

69.3931, 55.7517, 94.2925

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.3451, 56.0201, 91.7949



Tritanopia

62.2884, 55.7921, 59.7106

Trichromacy



Original Color

69.3931, 55.7517, 94.2925



Protanomaly

60.5178, 55.5481, 99.6277



Deuteranomaly

60.9672, 55.3151, 92.2576



Tritanomaly

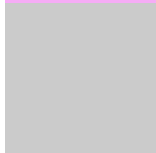
64.6759, 55.5731, 70.9362

Monochromacy



Original Color

69.3931, 55.7517, 94.2925



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.8492, 57.8738, 74.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3931, 55.7517, 94.2925 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(246, 172, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 246)  
}
```

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(246, 172, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 246) }
```

Border

The CSS property to change the border of an element to XYZ 69.3931, 55.7517, 94.2925 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(246, 172, 246) }
```


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

```
.border{ border-color:rgb(246, 172, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 172, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3931, 55.7517, 94.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 246) }
```

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

```
.background{ background-color: rgb(246,  
172, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor