

Converting Colors

XYZ(69.3466, 54.7502, 93.6364)

Have a look what the booklet for
XYZ(69.3466, 54.7502, 93.6364)
contains.

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Color

**XYZ(69.1955, 54.5543,
93.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A8F5
RGB	248, 168, 245
RGB Percent	97%, 66%, 96%
CMY	0.0274, 0.3412, 0.0392
CMYK	0.00, 0.32, 0.01, 0.03
HSL	302°, 85%, 82%
HSV	302°, 32%, 97%
XYZ	69.1955, 54.5543, 93.2692
YIQ	200.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

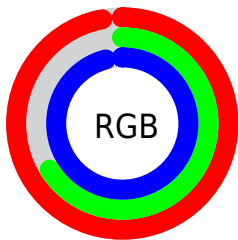
Format	Color
R _Y B	248, 168, 245
Decimal	16296181
CIE Lab	78.78, 41.25, -26.52
CIE LCh	79, 49.037, 327.258
Yxy	54.5543, 0.3188, 0.2514
Android (android.graphics.Color)	4294486261 (0xFFF8A8F5)
YUV	200.6980, 21.8409, 41.4839
Hunter-Lab	73.8609, 37.9686, -23.1669

Details

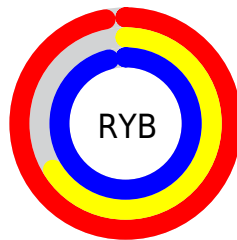
The XYZ color **69.1955, 54.5543, 93.2692** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.0688, 78.4018, 50.6565**, and the grayscale version is **55.1912, 58.0654, 63.2333**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **36.4378, 26.6559, 51.3687** is the 20% darker color. If you saturate the color by 10%, you get **64.9052, 46.1994, 91.1407**, and if you desaturate by 10%, it is **74.3630, 64.6604, 95.6948**.

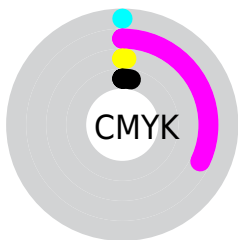
Distribution



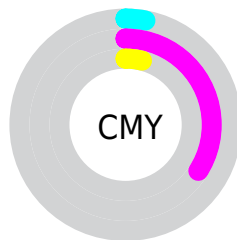
- Red (97%)
- Green (66%)
- Blue (96%)



- Red (97%)
- Yellow (66%)
- Blue (96%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1955, 54.5543, 93.2692 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 69.1955, 54.5543, 93.2692 by changing the saturation by 10% instead.


 69.1955, 54.5543,
93.2692


 69.1955, 54.5543,
93.2692


447.0308,
404.2202, 559.4512

 51.1482, 39.0450,
70.1064


 117.0933, 96.8876,
153.8462

 36.5481, 26.7947,
51.1359


 147.6745,
124.4804, 192.0974

 25.0298, 17.4191,
35.9393


183.1643,
156.8699, 236.2152

 16.2281, 10.5338,
24.0980

223.9282,
194.4403, 286.6181

 9.7776, 5.7543,
15.1935

270.3314,
237.5762, 343.7246

 5.3129, 2.6962,
8.8071

322.7393,

 2.4686, 0.9753,

286.6619, 407.9532

4.5205

381.5173,
342.0817, 479.7226

■ 0.8795, 0.0000,
1.9150

■ 0.0000, 0.0000,
0.5023

■ 69.1955, 54.5543,
93.2692

■ 69.1955, 54.5543,
93.2692

■ 64.9052, 46.1994,
91.1407

■ 74.3630, 64.6604,
95.6948

■ 61.4371, 39.4888,
89.2892

■ 80.4485, 76.6023,
98.4293

■ 58.7383, 34.3155,
87.6976

■ 87.4961, 90.4674,
101.4881

■ 56.7472, 30.5567,
86.3455

■ 91.5276, 98.2990,
103.5450

■ 55.3930, 28.0705,
85.2092

■ 91.6729, 98.3571,
104.3101

■ 54.5904, 26.6863,
84.2602

■ 91.8189, 98.4155,
105.0790

■ 54.2475, 26.1710,
83.6206

■ 91.9656, 98.4742,
105.8516

■ 92.1130, 98.5332,
106.6281

■ 92.2612, 98.5925,
107.4084

Harmonies

Analogous

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



60.8822, 54.5543, 120.7422



69.1955, 54.5543, 93.2692



72.8272, 54.5543, 61.9955

Triad

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



69.1955, 54.5543, 93.2692



52.7506, 54.5543, 20.3984



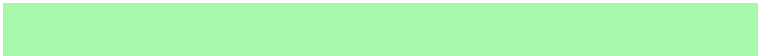
36.9625, 54.5543, 87.4103

Complementary

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



69.1955, 54.5543, 93.2692



57.0688, 78.4018, 50.6565

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.



35.3491, 54.5543, 56.8786



69.1955, 54.5543, 93.2692



43.7624, 54.5543, 23.4180

Square

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



69.1955, 54.5543, 93.2692



62.6204, 54.5543, 24.8206



37.6799, 54.5543, 34.9190



42.3952, 54.5543, 116.6834

Rectangle

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



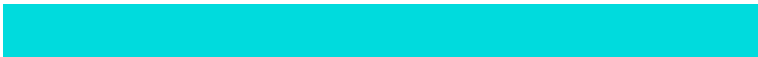
69.1955, 54.5543, 93.2692



71.8046, 54.5543, 44.9069



37.6799, 54.5543, 34.9190



35.9875, 54.5543, 76.7182

Sweetspot

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



69.1972, 54.5567, 93.2704



87.2942, 84.7343, 105.5569



47.6704, 43.4059, 94.6740



18.4693, 17.7134, 22.4990



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.



69.1972, 54.5567, 93.2704



70.5082, 51.8682, 97.7850



63.7759, 52.3882, 64.7217



17.9633, 17.5127, 21.6623



29.3163, 14.1423, 45.2358



2.7237, 1.3132, 4.2346

Inverse Universe

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



69.1972, 54.5567, 93.2704



70.5082, 51.8682, 97.7850



61.4341, 80.1479, 73.6436



17.9633, 17.5127, 21.6623



29.3163, 14.1423, 45.2358



2.7237, 1.3132, 4.2346

Previews

White Background



This preview shows how the XYZ color 69.1955, 54.5543, 93.2692 looks on a white background.

Color Contrast Check

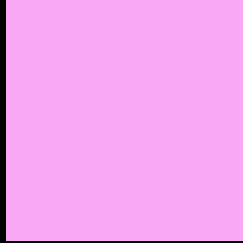
Large Text (above 18pt) WCAG AA × Fail

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 69.1955, 54.5543, 93.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

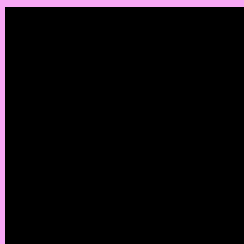
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1955, 54.5543, 93.2692

Background



This preview shows how black text looks on a background with the XYZ color 69.1955, 54.5543, 93.2692.

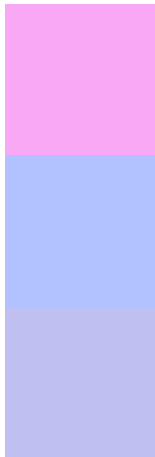


This preview shows how white text looks on a background with the XYZ color 69.1955, 54.5543,

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

69.1955, 54.5543, 93.2692

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

55.9938, 54.6888, 90.8239



Tritanopia

61.7105, 54.3473, 57.1068

Trichromacy



Original Color

69.1955, 54.5543, 93.2692



Protanomaly

59.1817, 53.9425, 98.5595



Deuteranomaly

60.1119, 54.2748, 91.3123



Tritanomaly

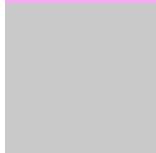
64.2022, 54.2083, 68.7075

Monochromacy



Original Color

69.1955, 54.5543, 93.2692



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.6354, 56.3104, 73.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1955, 54.5543, 93.2692 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(248, 168, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 168, 245)  
}
```

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(248, 168, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 168, 245) }
```

Border

The CSS property to change the border of an element to XYZ 69.1955, 54.5543, 93.2692 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(248, 168, 245) }
```


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

```
.border{ border-color:rgb(248, 168, 245) }
```

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

Here you see how a box with a 4 pixel rgb(248, 168, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 168, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 168, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 168,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1955, 54.5543, 93.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 168, 245) }
```

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

```
.background{ background-color: rgb(248,  
168, 245) }
```

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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