

Converting Colors

XYZ(69.5208, 54.4278, 90.5564)

Have a look what the booklet for
XYZ(69.5208, 54.4278, 90.5564)
contains.

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Color

**XYZ(69.6294, 54.5575,
90.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA7F2
RGB	251, 167, 242
RGB Percent	98%, 65%, 95%
CMY	0.0157, 0.3451, 0.0510
CMYK	0.00, 0.33, 0.04, 0.02
HSL	306°, 91%, 82%
HSV	306°, 33%, 98%
XYZ	69.6294, 54.5575, 90.8652
YIQ	200.6660, 25.9890, 41.1330

Conversions

Conversions Part 2

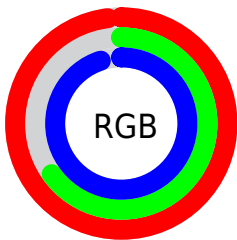
Format	Color
R _Y B	251, 167, 242
Decimal	16492530
CIE Lab	78.79, 42.18, -24.87
CIE LCh	79, 48.964, 329.470
Yxy	54.5575, 0.3238, 0.2537
Android (android.graphics.Color)	4294682610 (0xFFFB7F2)
YUV	200.6660, 20.3777, 44.1429
Hunter-Lab	73.8630, 39.0085, -21.2335

Details

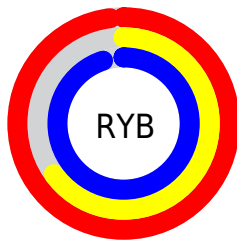
The XYZ color **69.6294, 54.5575, 90.8652** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.2723, 80.3462, 53.5146**, and the grayscale version is **55.1789, 58.0525, 63.2192**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **36.7604, 26.6929, 49.6691** is the 20% darker color. If you saturate the color by 10%, you get **65.0692, 46.0779, 87.3672**, and if you desaturate by 10%, it is **75.0913, 64.8290, 94.6942**.

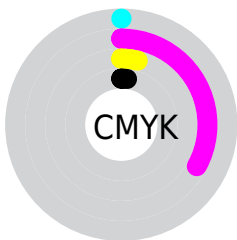
Distribution



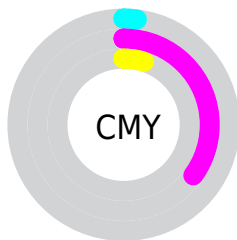
- Red (98%)
- Green (65%)
- Blue (95%)



- Red (98%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6294, 54.5575, 90.8652 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 69.6294, 54.5575, 90.8652 by changing the saturation by 10% instead.

69.6294, 54.5575,
90.8652

69.6294, 54.5575,
90.8652

448.5344,
404.2324, 551.4839

51.5030, 39.0476,
68.1207

117.7093, 96.8923,
150.4856

36.8317, 26.7967,
49.5286

148.3934,
124.4860, 188.1986

25.2503, 17.4206,
34.6705

183.9941,
156.8763, 231.7382

16.3934, 10.5348,
23.1276

224.8768,
194.4478, 281.5229

9.8955, 5.7550,
14.4816

271.4069,
237.5847, 337.9713

5.3915, 2.6967,
8.3138

323.9496,

2.5158, 0.9755,

286.6715, 401.5019

4.2058

382.8703,
342.0926, 472.5332

■ 0.9033, 0.0000,
1.7389

■ 0.0000, 0.0000,
0.3872

■ 69.6294, 54.5575,
90.8652

■ 69.6294, 54.5575,
90.8652

■ 65.0692, 46.0779,
87.3672

■ 75.0913, 64.8290,
94.6942

■ 61.3537, 39.2791,
84.1794

■ 81.4974, 76.9804,
98.8669

■ 58.4274, 34.0495,
81.2837

■ 88.8938, 91.1027,
103.3992

■ 56.2261, 30.2603,
78.6586

■ 93.2355, 99.1060,
106.9429

■ 54.6752, 27.7627,
76.2791

■ 93.5942, 99.2495,
108.8319

■ 53.6843, 26.3757,
74.1150

■ 53.2531, 25.8971,
72.7881

Harmonies

Analogous

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



61.5790, 54.5575, 119.0701



69.6294, 54.5575, 90.8652



72.8219, 54.5575, 59.8988

Triad

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



69.6294, 54.5575, 90.8652



52.0278, 54.5575, 20.4103



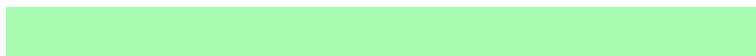
37.2584, 54.5575, 89.7350

Complementary

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



69.6294, 54.5575, 90.8652



58.2723, 80.3462, 53.5146

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.



35.3571, 54.5575, 58.9117



69.6294, 54.5575, 90.8652



43.2131, 54.5575, 23.9892

Square

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



69.6294, 54.5575, 90.8652



61.9144, 54.5575, 24.2599



37.3968, 54.5575, 36.1989



42.9493, 54.5575, 118.2872

Rectangle

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



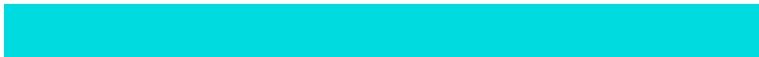
69.6294, 54.5575, 90.8652



71.4940, 54.5575, 43.3245



37.3968, 54.5575, 36.1989



36.1889, 54.5575, 79.0380

Sweetspot

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



69.6311, 54.5599, 90.8663



87.0110, 84.6210, 104.0655



49.0029, 43.7656, 97.1328



18.4002, 17.6858, 22.1354



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.



69.6311, 54.5599, 90.8663



68.9711, 50.5784, 91.7714



64.1000, 52.3475, 61.7401



17.9082, 17.4906, 21.3723



28.0246, 13.6256, 38.4337



2.6178, 1.2709, 3.6770

Inverse Universe

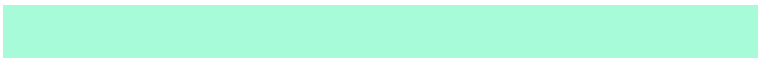
The Inverse Universe completely reimagines the original color for something new.



69.6311, 54.5599, 90.8663



68.9711, 50.5784, 91.7714



63.0121, 82.2421, 78.4742



17.9082, 17.4906, 21.3723



28.0246, 13.6256, 38.4337



2.6178, 1.2709, 3.6770

Previews

White Background



This preview shows how the XYZ color 69.6294, 54.5575, 90.8652 looks on a white background.

Color Contrast Check

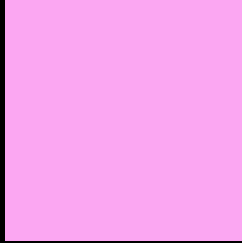
Large Text (above 18pt) WCAG AA × Fail

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 69.6294, 54.5575, 90.8652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

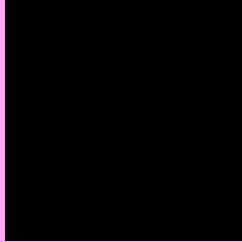
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6294, 54.5575, 90.8652

Background



This preview shows how black text looks on a background with the XYZ color 69.6294, 54.5575, 90.8652.



This preview shows how white text looks on a background with the XYZ color 69.6294, 54.5575,

90.8652.

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

69.6294, 54.5575, 90.8652

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.0557, 54.7721, 88.5065



Tritanopia

62.4343, 54.4390, 56.5073

Trichromacy



Original Color

69.6294, 54.5575, 90.8652



Protanomaly

59.5726, 54.1622, 97.7570



Deuteranomaly

60.0395, 53.9840, 88.9169



Tritanomaly

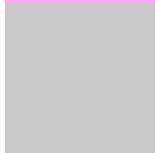
64.9342, 54.3144, 68.0341

Monochromacy



Original Color

69.6294, 54.5575, 90.8652



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.8057, 56.4131, 72.7025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6294, 54.5575, 90.8652 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(251, 167, 242)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 242)  
}
```

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(251, 167, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.6294, 54.5575, 90.8652 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(251, 167, 242) }
```


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

```
.border{ border-color:rgb(251, 167, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6294, 54.5575, 90.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 242) }
```

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

```
.background{ background-color: rgb(251,  
167, 242) }
```

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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