

Converting Colors

XYZ(70.8253, 54.5451, 95.0324)

Have a look what the booklet for
XYZ(70.8253, 54.5451, 95.0324)
contains.

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Color

**XYZ(70.7516, 54.5083,
94.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA5F7
RGB	253, 165, 247
RGB Percent	99%, 65%, 97%
CMY	0.0078, 0.3529, 0.0314
CMYK	0.00, 0.35, 0.02, 0.01
HSL	304°, 96%, 82%
HSV	304°, 35%, 99%
XYZ	70.7516, 54.5083, 94.7878
YIQ	200.6600, 26.1260, 44.1580

Conversions

Conversions Part 2

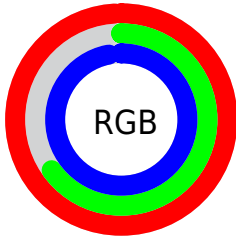
Format	Color
RYB	253, 165, 247
Decimal	16623095
CIELab	78.76, 44.71, -27.59
CIElCh	79, 52.537, 328.317
Yxy	54.5083, 0.3215, 0.2477
Android (android.graphics.Color)	4294813175 (0xFFFDA5F7)
YUV	200.6600, 22.8456, 45.9022
Hunter-Lab	73.8297, 41.8559, -24.4398

Details

The XYZ color **70.7516, 54.5083, 94.7878** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.9953, 81.1919, 51.1461**, and the grayscale version is **55.1604, 58.0330, 63.1979**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **37.4844, 26.6887, 51.8910** is the 20% darker color. If you saturate the color by 10%, you get **66.3672, 46.1626, 92.0194**, and if you desaturate by 10%, it is **76.0445, 64.6650, 97.8724**.

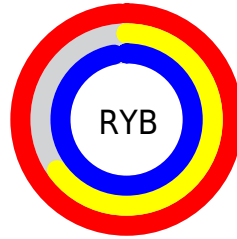
Distribution



Red (99%)

Green (65%)

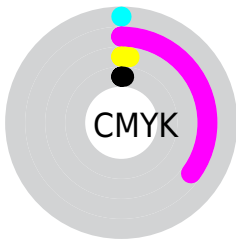
Blue (97%)



Red (99%)

Yellow (65%)

Blue (97%)

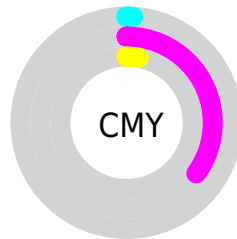


Cyan (0%)

Magenta (35%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (35%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7516, 54.5083, 94.7878 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 70.7516, 54.5083, 94.7878 by changing the saturation by 10% instead.

 70.7516, 54.5083,
94.7878


 70.7516, 54.5083,
94.7878


452.4100,
404.0454, 564.4524

 52.4213, 39.0082,
71.3625


 119.3004, 96.8202,
155.9645

 37.5666, 26.7661,
52.1544

 150.2496,
124.4007, 194.5529

 25.8222, 17.3976,
36.7451


186.1359,
156.7768, 239.0327

 16.8227, 10.5184,
24.7159

227.3245,
194.3330, 289.8225

 10.2026, 5.7440,
15.6484

274.1809,
237.4535, 347.3409

 5.5968, 2.6900,
9.1241

327.0704,

 2.6398, 0.9721,

286.5228, 412.0063

4.7243

386.3583,
341.9253, 484.2373

■ 0.9663, 0.0000,
2.0305

■ 0.0000, 0.0000,
0.5740

■ 70.7516, 54.5083,
94.7878

■ 70.7516, 54.5083,
94.7878

■ 66.3672, 46.1626,
92.0194

■ 76.0445, 64.6650,
97.8724

■ 62.8326, 39.5136,
89.5458

■ 82.2898, 76.7235,
101.2860

■ 60.0904, 34.4455,
87.3484

■ 89.5348, 90.7775,
105.0451

■ 58.0740, 30.8250,
85.4050

■ 94.1422, 99.5524,
107.9372

■ 56.7056, 28.4968,
83.6896

94.3185, 99.6229,
108.8658

■ 55.8900, 27.2700,
82.1705

■ 55.6124, 26.9245,
81.4317

Harmonies

Analogous

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



61.8823, 54.5083, 125.3716



70.7516, 54.5083, 94.7878



74.4719, 54.5083, 61.0478

Triad

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



70.7516, 54.5083, 94.7878



52.3979, 54.5083, 18.5435



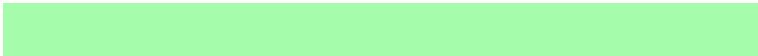
36.1262, 54.5083, 90.8636

Complementary

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



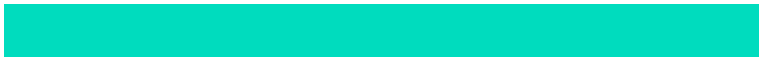
70.7516, 54.5083, 94.7878



57.9953, 81.1919, 51.1461

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.



34.2840, 54.5083, 57.6845



70.7516, 54.5083, 94.7878



42.8920, 54.5083, 21.8679

Square

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



70.7516, 54.5083, 94.7878



63.0343, 54.5083, 22.7436



36.5899, 54.5083, 34.0711



42.0015, 54.5083, 122.6235

Rectangle

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



70.7516, 54.5083, 94.7878



73.2000, 54.5083, 43.1132



36.5899, 54.5083, 34.0711



35.0523, 54.5083, 79.2245

Sweetspot

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



70.7533, 54.5107, 94.7889



87.1691, 84.6842, 104.8982



47.9528, 42.6479, 98.6341



18.4388, 17.7012, 22.3384



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.



70.7533, 54.5107, 94.7889



68.7105, 49.1670, 94.4292



64.7606, 52.1136, 63.2314



18.7360, 18.2777, 22.4931



29.6056, 14.3315, 43.4352



2.8980, 1.4016, 4.3105

Inverse Universe

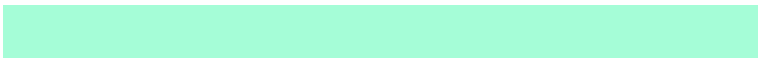
The Inverse Universe completely reimagines the original color for something new.



70.7533, 54.5107, 94.7889



68.7105, 49.1670, 94.4292



62.8930, 83.1510, 76.9373



18.7360, 18.2777, 22.4931



29.6056, 14.3315, 43.4352



2.8980, 1.4016, 4.3105

Previews

White Background



This preview shows how the XYZ color 70.7516, 54.5083, 94.7878 looks on a white background.

Color Contrast Check

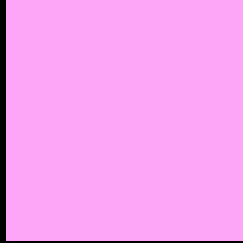
Large Text (above 18pt) WCAG AA × Fail

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 70.7516, 54.5083, 94.7878 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 70.7516, 54.5083, 94.7878

Background



This preview shows how black text looks on a background with the XYZ color 70.7516, 54.5083, 94.7878.



This preview shows how white text looks on a background with the XYZ color 70.7516, 54.5083,

94.7878.

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

70.7516, 54.5083, 94.7878

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

55.8930, 54.6196, 91.6012



Tritanopia

62.8256, 54.3612, 55.8967

Trichromacy



Original Color

70.7516, 54.5083, 94.7878



Protanomaly

59.6810, 53.8744, 99.3487



Deuteranomaly

60.4977, 54.1337, 92.8482



Tritanomaly

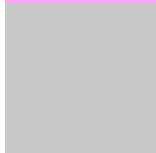
65.5773, 54.3479, 68.6619

Monochromacy



Original Color

70.7516, 54.5083, 94.7878



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

60.1533, 56.2440, 74.0154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7516, 54.5083, 94.7878 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(253, 165, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 165, 247)  
}
```

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(253, 165, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 165, 247) }
```

Border

The CSS property to change the border of an element to XYZ 70.7516, 54.5083, 94.7878 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(253, 165, 247) }
```


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

```
.border{ border-color:rgb(253, 165, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 165, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 165, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 165, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 165,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7516, 54.5083, 94.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 165, 247) }
```

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

```
.background{ background-color: rgb(253,  
165, 247) }
```

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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