

Converting Colors

XYZ(137.0017, 88.9553,
97.0302)

Have a look what the booklet for
XYZ(137.0017, 88.9553, 97.0302)
contains.

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Color

**XYZ(71.5108, 55.1863,
94.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6F6
RGB	255, 166, 246
RGB Percent	100%, 65%, 96%
CMY	0.0000, 0.3490, 0.0353
CMYK	0.00, 0.35, 0.04, 0.00
HSL	306°, 100%, 83%
HSV	306°, 35%, 100%
XYZ	71.5108, 55.1863, 94.0718
YIQ	201.7310, 27.3640, 43.7480

Conversions

Conversions Part 2

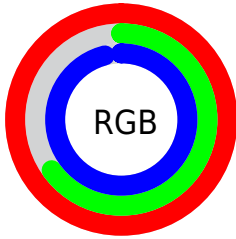
Format	Color
R _Y B	255, 166, 246
Decimal	16754422
CIE _{Lab}	79.15, 44.64, -26.44
CIE _{LCh}	79, 51.878, 329.363
Yxy	55.1863, 0.3239, 0.2500
Android (android.graphics.Color)	4294944502 (0xFFFFA6F6)
YUV	201.7310, 21.8246, 46.7169
Hunter-Lab	74.2875, 41.8250, -23.0789

Details

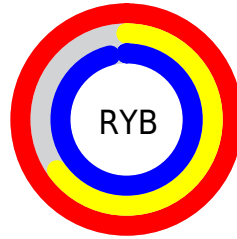
The XYZ color **71.5108, 55.1863, 94.0718** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.2255, 82.7230, 53.4056**, and the grayscale version is **55.8292, 58.7367, 63.9643**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **38.1144, 27.1764, 51.9519** is the 20% darker color. If you saturate the color by 10%, you get **66.9337, 46.6610, 90.6076**, and if you desaturate by 10%, it is **77.0147, 65.5560, 97.8735**.

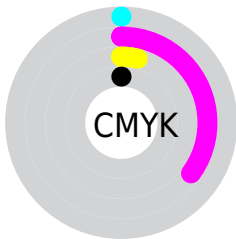
Distribution



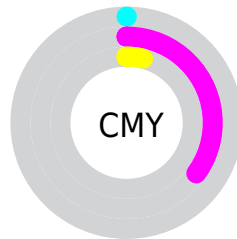
- Red (100%)
- Green (65%)
- Blue (96%)



- Red (100%)
- Yellow (65%)
- Blue (96%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5108, 55.1863, 94.0718 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 71.5108, 55.1863, 94.0718 by changing the saturation by 10% instead.


 71.5108, 55.1863,
94.0718


 71.5108, 55.1863,
94.0718


455.0212,
406.6177, 562.0974

 53.0432, 39.5509,
70.7701


 120.3753, 97.8139,
154.9662

 38.0649, 27.1886,
51.6739


 151.5030,
125.5748, 193.3959

 26.2105, 17.7149,
36.3648


187.5813,
158.1464, 237.7053

 17.1147, 10.7455,
24.4241

228.9757,
195.9130, 288.3130

 10.4121, 5.8960,
15.4334

276.0516,
239.2591, 345.6375

 5.7374, 2.7819,
8.9741

329.1742,

 2.7252, 1.0190,

288.5689, 410.0974

4.6277

388.7089,
344.2270, 482.1112

■ 1.0102, 0.0000,
1.9757

■ 0.0000, 0.0000,
0.5402

■ 71.5108, 55.1863,
94.0718

■ 71.5108, 55.1863,
94.0718

■ 66.9337, 46.6610,
90.6076

■ 77.0147, 65.5560,
97.8735

■ 63.2253, 39.8644,
87.4592

■ 83.4919, 77.8638,
102.0262

■ 60.3263, 34.6779,
84.6075

■ 90.9902, 92.2048,
106.5465

■ 58.1686, 30.9654,
82.0296

95.0500, 100.0000,
108.9000

■ 56.6729, 28.5682,
79.6992

■ 55.7415, 27.2910,
77.5834

■ 55.4129, 26.9291,
76.5632

Harmonies

Analogous

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



62.8308, 55.1863, 124.7218



71.5108, 55.1863, 94.0718



74.9801, 55.1863, 60.7248

Triad

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



71.5108, 55.1863, 94.0718



52.6746, 55.1863, 19.2112



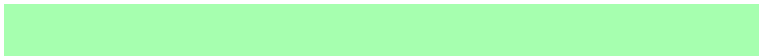
36.9474, 55.1863, 92.5988

Complementary

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



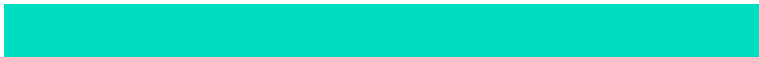
71.5108, 55.1863, 94.0718



59.2255, 82.7230, 53.4056

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.



34.9607, 55.1863, 59.4567



71.5108, 55.1863, 94.0718



43.2857, 55.1863, 22.8409

Square

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



71.5108, 55.1863, 94.0718



63.2644, 55.1863, 23.1753



37.1230, 55.1863, 35.4683



42.9492, 55.1863, 123.6929

Rectangle

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



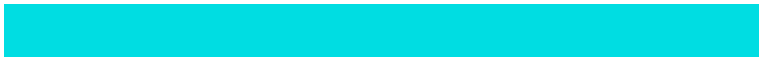
71.5108, 55.1863, 94.0718



73.5621, 55.1863, 43.1007



37.1230, 55.1863, 35.4683



35.8259, 55.1863, 81.0395

Sweetspot

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



71.5120, 55.1885, 94.0729



87.0354, 84.6308, 104.1941



49.3453, 43.5976, 100.4221



18.4062, 17.6882, 22.1668



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.



71.5120, 55.1885, 94.0729



68.1692, 48.9504, 91.5789



65.4911, 52.7801, 62.3672



18.7088, 18.2668, 22.3498



28.9866, 14.0839, 40.1756



2.8442, 1.3801, 4.0272

Inverse Universe

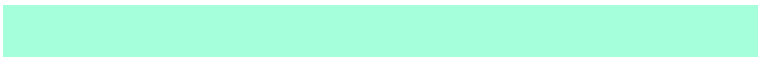
The Inverse Universe completely reimagines the original color for something new.



71.5120, 55.1885, 94.0729



68.1692, 48.9504, 91.5789



64.3264, 84.7633, 80.2665



18.7088, 18.2668, 22.3498



28.9866, 14.0839, 40.1756



2.8442, 1.3801, 4.0272

Previews

White Background



This preview shows how the XYZ color 71.5108, 55.1863, 94.0718 looks on a white background.

Color Contrast Check

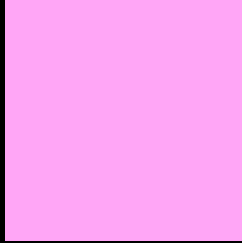
Large Text (above 18pt) WCAG AA × Fail

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 71.5108, 55.1863, 94.0718 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 71.5108, 55.1863, 94.0718

Background



This preview shows how black text looks on a background with the XYZ color 71.5108, 55.1863, 94.0718.



This preview shows how white text looks on a background with the XYZ color 71.5108, 55.1863,

94.0718.

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

71.5108, 55.1863, 94.0718

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.7191, 55.3876, 90.9205



Tritanopia

63.8375, 55.1623, 56.5730

Trichromacy



Original Color

71.5108, 55.1863, 94.0718



Protanomaly

60.4433, 54.5747, 99.4437



Deuteranomaly

61.4301, 54.9370, 92.1602



Tritanomaly

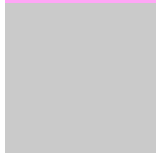
66.4851, 55.0995, 68.7591

Monochromacy



Original Color

71.5108, 55.1863, 94.0718



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.6713, 56.8293, 74.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5108, 55.1863, 94.0718 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(255, 166, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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(255, 166, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.5108, 55.1863, 94.0718 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(255, 166, 246) }
```


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

```
.border{ border-color:rgb(255, 166, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 246); box-shadow:4px 4px 4px 4px rgb(255, 166, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5108, 55.1863, 94.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 246) }
```

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

```
.background{ background-color: rgb(255,  
166, 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](#).

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