

Converting Colors

XYZ(70.3663, 51.3995, 98.3078)

Have a look what the booklet for
XYZ(70.3663, 51.3995, 98.3078)
contains.

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Color

**XYZ(70.3663, 51.3995,
98.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AFC
RGB	255, 154, 252
RGB Percent	100%, 60%, 99%
CMY	0.0000, 0.3961, 0.0118
CMYK	0.00, 0.40, 0.01, 0.00
HSL	302°, 100%, 80%
HSV	302°, 40%, 100%
XYZ	70.3663, 51.3995, 98.3078
YIQ	195.3710, 28.7380, 51.8900

Conversions

Conversions Part 2

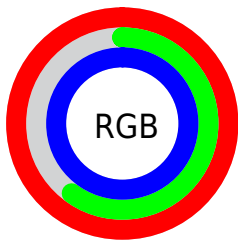
Format	Color
R _Y B	255, 154, 252
Decimal	16751356
CIE Lab	76.92, 51.80, -33.10
CIE LCh	77, 61.471, 327.425
Yxy	51.3995, 0.3197, 0.2336
Android (android.graphics.Color)	4294941436 (0xFFFF9AFC)
YUV	195.3710, 27.9181, 52.2946
Hunter-Lab	71.6934, 49.7322, -31.1145

Details

The XYZ color **70.3663, 51.3995, 98.3078** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.1738, 80.8251, 44.5934**, and the grayscale version is **51.9209, 54.6248, 59.4864**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **37.4335, 24.9248, 54.4678** is the 20% darker color. If you saturate the color by 10%, you get **66.4763, 43.8111, 96.4209**, and if you desaturate by 10%, it is **75.1528, 60.7798, 100.4973**.

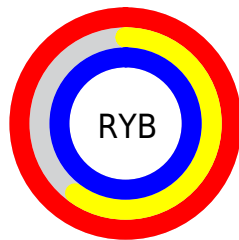
Distribution



Red (100%)

Green (60%)

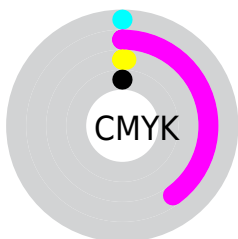
Blue (99%)



Red (100%)

Yellow (60%)

Blue (99%)

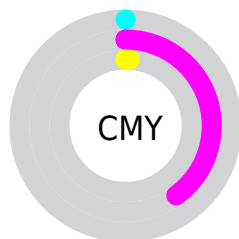


Cyan (0%)

Magenta (40%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3663, 51.3995, 98.3078 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 70.3663, 51.3995, 98.3078 by changing the saturation by 10% instead.


 70.3663, 51.3995,
98.3078


 70.3663, 51.3995,
98.3078

451.0815,
392.1139, 575.9538

 52.1059, 36.5266,
74.2791

 118.7544, 92.2450,
160.8613

 37.3141, 24.8412,
54.5243


 149.6128,
118.9865, 200.2232

 25.6256, 15.9588,
38.6250


185.4012,
150.4529, 245.5331

 16.6749, 9.4950,
26.1625

226.4851,
187.0288, 297.2098

 10.0969, 5.0654,
16.7184

273.2297,
229.0984, 355.6716

 5.5260, 2.2857,
9.8741

326.0004,

 2.5970, 0.7661,

277.0462, 421.3372

5.2110

385.1625,
331.2566, 494.6251

■ 0.9444, 0.0000,
2.3107

■ 0.0000, 0.0000,
0.7372

■ 70.3663, 51.3995,
98.3078

■ 70.3663, 51.3995,
98.3078

■ 66.4763, 43.8111,
96.4209

■ 75.1528, 60.7798,
100.4973

■ 63.4225, 37.8943,
94.8144

■ 80.8846, 72.0502,
103.0035

■ 61.1423, 33.5240,
93.4681

■ 87.6109, 85.3089,
105.8436

■ 59.5627, 30.5543,
92.3577

95.0500, 100.0000,
108.9000

■ 58.5973, 28.8120,
91.4544

■ 58.1101, 28.0255,
90.7128

■ 58.0945, 28.0018,
90.6848

Harmonies

Analogous

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



59.9638, 51.3995, 134.8308



70.3663, 51.3995, 98.3078



74.9463, 51.3995, 58.9094

Triad

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



70.3663, 51.3995, 98.3078



49.8711, 51.3995, 13.1258



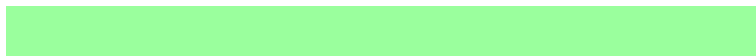
31.4843, 51.3995, 91.1896

Complementary

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



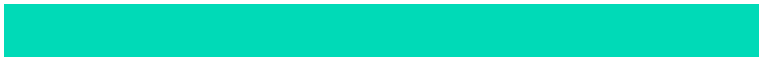
70.3663, 51.3995, 98.3078



55.1738, 80.8251, 44.5934

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.



29.6518, 51.3995, 53.1210



70.3663, 51.3995, 98.3078



39.2083, 51.3995, 16.0480

Square

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



70.3663, 51.3995, 98.3078



61.9926, 51.3995, 17.3396



32.2442, 51.3995, 27.9529



37.7162, 51.3995, 129.6967

Rectangle

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



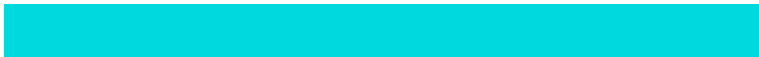
70.3663, 51.3995, 98.3078



73.6114, 51.3995, 38.8055



32.2442, 51.3995, 27.9529



30.3814, 51.3995, 77.5584

Sweetspot

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



70.3674, 51.4015, 98.3089



85.9073, 81.9482, 105.1324



43.2568, 37.3701, 99.5410



18.1941, 17.1585, 22.4214



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.



70.3674, 51.4015, 98.3089



67.0431, 44.9138, 96.7045



63.5546, 48.6764, 62.4331



18.7680, 18.2905, 22.6614



30.3661, 14.6357, 47.4399



2.9637, 1.4279, 4.6563

Inverse Universe

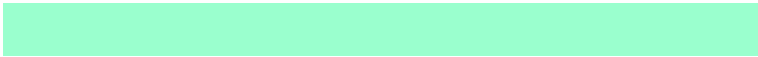
The Inverse Universe completely reimagines the original color for something new.



70.3674, 51.4015, 98.3089



67.0431, 44.9138, 96.7045



60.2508, 82.8559, 71.3284



18.7680, 18.2905, 22.6614



30.3661, 14.6357, 47.4399



2.9637, 1.4279, 4.6563

Previews

White Background



This preview shows how the XYZ color 70.3663, 51.3995, 98.3078 looks on a white background.

Color Contrast Check

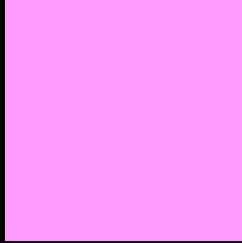
Large Text (above 18pt) WCAG AA × Fail

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 70.3663, 51.3995, 98.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

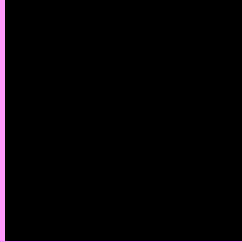
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3663, 51.3995, 98.3078

Background



This preview shows how black text looks on a background with the XYZ color 70.3663, 51.3995, 98.3078.



This preview shows how white text looks on a background with the XYZ color 70.3663, 51.3995,

98.3078.

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

70.3663, 51.3995, 98.3078

Protanopia

52.6108, 51.7325, 101.8202

Deuteranopia

52.9953, 51.7782, 94.3898



Tritanopia

60.6375, 51.3462, 50.9708

Trichromacy



Original Color

70.3663, 51.3995, 98.3078



Protanomaly

57.5021, 50.6239, 100.5066



Deuteranomaly

58.0054, 50.7027, 95.5363



Tritanomaly

63.6049, 51.1956, 65.5609

Monochromacy



Original Color

70.3663, 51.3995, 98.3078



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

57.3312, 52.3521, 72.0490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3663, 51.3995, 98.3078 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, 154, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 252)  
}
```

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, 154, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 252) }
```

Border

The CSS property to change the border of an element to XYZ 70.3663, 51.3995, 98.3078 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, 154, 252) }
```


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

```
.border{ border-color:rgb(255, 154, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3663, 51.3995, 98.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 252) }
```

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

```
.background{ background-color: rgb(255,  
154, 252) }
```

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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