

Converting Colors

XYZ(69.8773, 50.4215, 98.1448)

Have a look what the booklet for XYZ(69.8773, 50.4215, 98.1448) contains.

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Color

**XYZ(69.8773, 50.4215,
98.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97FC
RGB	255, 151, 252
RGB Percent	100%, 59%, 99%
CMY	0.0000, 0.4078, 0.0118
CMYK	0.00, 0.41, 0.01, 0.00
HSL	302°, 100%, 80%
HSV	302°, 41%, 100%
XYZ	69.8773, 50.4215, 98.1448
YIQ	193.6100, 29.5630, 53.4590

Conversions

Conversions Part 2

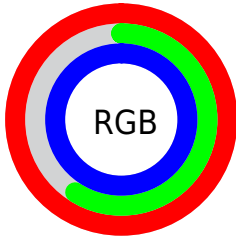
Format	Color
R _Y B	255, 151, 252
Decimal	16750588
CIE _{Lab}	76.33, 53.31, -34.01
CIE _{LCh}	76, 63.233, 327.461
Yxy	50.4215, 0.3199, 0.2308
Android (android.graphics.Color)	4294940668 (0xFFFF97FC)
YUV	193.6100, 28.7863, 53.8390
Hunter-Lab	71.0081, 51.3932, -32.2428

Details

The XYZ color **69.8773, 50.4215, 98.1448** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.3568, 80.4331, 43.2343**, and the grayscale version is **50.8724, 53.5217, 58.2851**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **36.8900, 24.2253, 54.3614** is the 20% darker color. If you saturate the color by 10%, you get **66.0923, 43.0374, 96.3099**, and if you desaturate by 10%, it is **74.5523, 59.5845, 100.2800**.

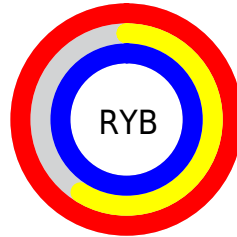
Distribution



Red (100%)

Green (59%)

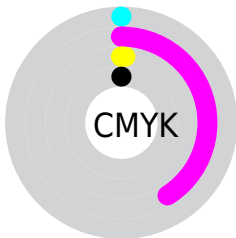
Blue (99%)



Red (100%)

Yellow (59%)

Blue (99%)

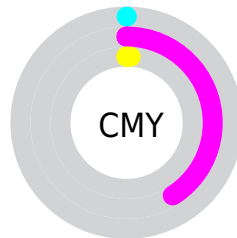


Cyan (0%)

Magenta (41%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (41%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8773, 50.4215, 98.1448 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 69.8773, 50.4215, 98.1448 by changing the saturation by 10% instead.


 69.8773, 50.4215,
98.1448


 69.8773, 50.4215,
98.1448


449.3922,
388.3120, 575.4240

 51.7057, 35.7484,
74.1439

 118.0610, 90.7991,
160.6349

 36.9939, 24.2400,
54.4143


 148.8038,
117.2724, 199.9612

 25.3764, 15.5117,
38.5376

184.4678,
148.4479, 245.2330

 16.4879, 9.1793,
26.0951

225.4183,
184.7099, 296.8689

 9.9631, 4.8583,
16.6684

272.0206,
226.4430, 355.2874

 5.4366, 2.1644,
9.8389

324.6401,

 2.5430, 0.7005,

274.0314, 420.9071

5.1881

383.6422,
327.8596, 494.1464

■ 0.9170, 0.0000,
2.2974

■ 0.0000, 0.0000,
0.7297

■ 69.8773, 50.4215,
98.1448

■ 69.8773, 50.4215,
98.1448

■ 66.0923, 43.0374,
96.3099

■ 74.5523, 59.5845,
100.2800

■ 63.1363, 37.3109,
94.7529

■ 80.1668, 70.6258,
102.7298

■ 60.9458, 33.1146,
93.4532

■ 86.7702, 83.6444,
105.5116

■ 59.4467, 30.3004,
92.3862

■ 94.4079, 98.7306,
108.6403

■ 58.5501, 28.6905, 95.0500, 100.0000,
91.5223 108.9000

■ 58.1284, 28.0153,
90.8629

Harmonies

Analogous

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



59.2494, 50.4215, 135.8194



69.8773, 50.4215, 98.1448



74.5604, 50.4215, 57.8501

Triad

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



69.8773, 50.4215, 98.1448



48.9433, 50.4215, 12.0468



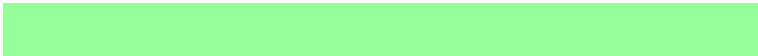
30.3774, 50.4215, 90.9345

Complementary

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



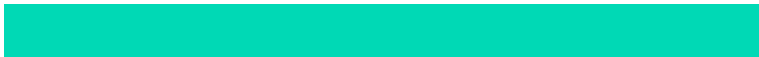
69.8773, 50.4215, 98.1448



54.3568, 80.4331, 43.2343

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.



28.5332, 50.4215, 52.0528



69.8773, 50.4215, 98.1448



38.1426, 50.4215, 14.9056

Square

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



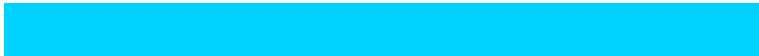
69.8773, 50.4215, 98.1448



61.2915, 50.4215, 16.1542



31.1303, 50.4215, 26.6936



36.6570, 50.4215, 130.5864

Rectangle

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



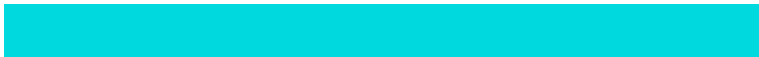
69.8773, 50.4215, 98.1448



73.1857, 50.4215, 37.5164



31.1303, 50.4215, 26.6936



29.2685, 50.4215, 76.9642

Sweetspot

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



69.8784, 50.4234, 98.1458



85.9115, 81.9499, 105.1545



42.2052, 36.1021, 99.3517



18.1951, 17.1589, 22.4266



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.



69.8784, 50.4234, 98.1458



66.7044, 44.2286, 96.6160



62.8819, 47.6249, 61.3031



18.7687, 18.2908, 22.6652



30.3835, 14.6427, 47.5314



2.9652, 1.4285, 4.6641

Inverse Universe

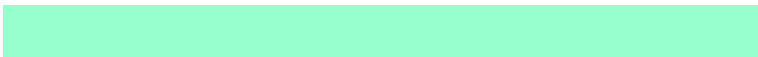
The Inverse Universe completely reimagines the original color for something new.



69.8784, 50.4234, 98.1458



66.7044, 44.2286, 96.6160



59.5112, 82.4949, 70.3773



18.7687, 18.2908, 22.6652



30.3835, 14.6427, 47.5314



2.9652, 1.4285, 4.6641

Previews

White Background



This preview shows how the XYZ color 69.8773, 50.4215, 98.1448 looks on a white background.

Color Contrast Check

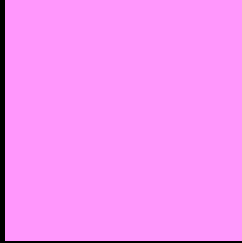
Large Text (above 18pt) WCAG AA × Fail

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 69.8773, 50.4215, 98.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

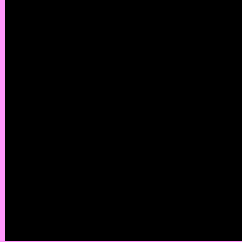
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8773, 50.4215, 98.1448

Background



This preview shows how black text looks on a background with the XYZ color 69.8773, 50.4215, 98.1448.



This preview shows how white text looks on a background with the XYZ color 69.8773, 50.4215,

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

69.8773, 50.4215, 98.1448

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.8880, 50.5819, 94.2173



Tritanopia

59.9614, 50.4849, 49.2321

Trichromacy



Original Color

69.8773, 50.4215, 98.1448



Protanomaly

56.6524, 49.3223, 100.3002



Deuteranomaly

57.0637, 49.6436, 95.3815



Tritanomaly

62.9524, 50.0857, 64.7421

Monochromacy



Original Color

69.8773, 50.4215, 98.1448



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

56.5050, 51.3460, 71.2226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8773, 50.4215, 98.1448 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, 151, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 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, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.8773, 50.4215, 98.1448 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, 151, 252) }
```


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

```
.border{ border-color:rgb(255, 151, 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, 151, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8773, 50.4215, 98.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 252) }
```

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

```
.background{ background-color: rgb(255,  
151, 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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