

Converting Colors

XYZ(69.5078, 49.4859, 98.6276)

Have a look what the booklet for XYZ(69.5078, 49.4859, 98.6276) contains.

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Color

**XYZ(69.5595, 49.5317,
98.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94FD
RGB	255, 148, 253
RGB Percent	100%, 58%, 99%
CMY	0.0000, 0.4196, 0.0078
CMYK	0.00, 0.42, 0.01, 0.00
HSL	301°, 100%, 79%
HSV	301°, 42%, 100%
XYZ	69.5595, 49.5317, 98.8229
YIQ	191.9630, 30.0670, 55.3390

Conversions

Conversions Part 2

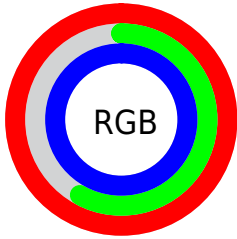
Format	Color
RYB	255, 148, 253
Decimal	16749821
CIELab	75.78, 54.98, -35.40
CIElCh	76, 65.387, 327.224
Yxy	49.5317, 0.3192, 0.2273
Android (android.graphics.Color)	4294939901 (0xFFFF94FD)
YUV	191.9630, 30.0912, 55.2834
Hunter-Lab	70.3788, 53.2593, -33.9874

Details

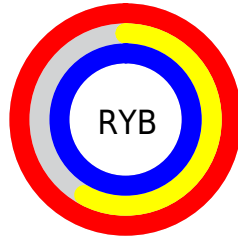
The XYZ color **69.5595, 49.5317, 98.8229** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.4793, 80.0186, 41.4829**, and the grayscale version is **49.9004, 52.4991, 57.1715**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **36.7315, 23.7267, 54.8683** is the 20% darker color. If you saturate the color by 10%, you get **65.9158, 42.3653, 97.2349**, and if you desaturate by 10%, it is **74.0866, 58.4639, 100.7075**.

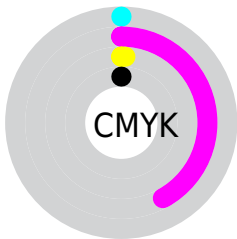
Distribution



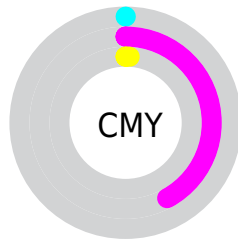
- Red (100%)
- Green (58%)
- Blue (99%)



- Red (100%)
- Yellow (58%)
- Blue (99%)



- Cyan (0%)
- Magenta (42%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5595, 49.5317, 98.8229 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 69.5595, 49.5317, 98.8229 by changing the saturation by 10% instead.


 69.5595, 49.5317,
98.8229


 69.5595, 49.5317,
98.8229

448.2924,
384.8318, 577.6266

 51.4458, 35.0414,
74.7065

 117.6101, 89.4806,
161.5764

 36.7860, 23.6948,
54.8722


 148.2776,
115.7081, 201.0505

 25.2148, 15.1074,
38.9015


183.8605,
146.6168, 246.4809

 16.3667, 8.8948,
26.3758

224.7241,
182.5910, 298.2862

 9.8765, 4.6726,
16.8767

271.2337,
224.0152, 356.8849

 5.3788, 2.0565,
9.9856


323.7547,


 2.5082, 0.6400,


271.2738, 422.6954


5.2839

382.6525,
324.7512, 496.1365


 0.8994, 0.0000,
2.3532


 0.0000, 0.0000,
0.7608


 69.5595, 49.5317,
98.8229


 69.5595, 49.5317,
98.8229


 65.9158, 42.3653,
97.2349


 74.0866, 58.4639,
100.7075


 63.0935, 36.8418,
95.9211

 79.5468, 69.2625,
102.9035

 61.0284, 32.8323,
94.8605

 85.9903, 82.0271,
105.4282

 59.6448, 30.1855,
94.0281

 93.4625, 96.8490,
108.2967

■ 58.8517, 28.7194,
93.3934

95.0500, 100.0000,
108.9000

■ 58.5323, 28.1769,
92.9898

Harmonies

Analogous

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



58.5853, 49.5317, 137.8987



69.5595, 49.5317, 98.8229



74.4557, 49.5317, 57.2345

Triad

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



69.5595, 49.5317, 98.8229



48.2180, 49.5317, 10.9239



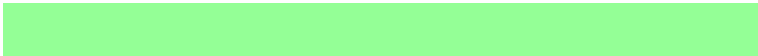
29.2220, 49.5317, 90.6613

Complementary

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



69.5595, 49.5317, 98.8229



53.4793, 80.0186, 41.4829

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.



27.3996, 49.5317, 50.7583



69.5595, 49.5317, 98.8229



37.1864, 49.5317, 13.6510

Square

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



69.5595, 49.5317, 98.8229



60.8800, 49.5317, 14.9880



30.0524, 49.5317, 25.2318



35.5382, 49.5317, 131.9328

Rectangle

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



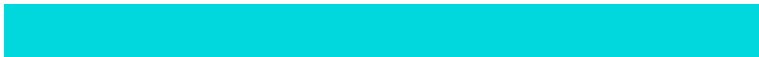
69.5595, 49.5317, 98.8229



73.0804, 49.5317, 36.4587



30.0524, 49.5317, 25.2318



28.1164, 49.5317, 76.2489

Sweetspot

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



69.5606, 49.5336, 98.8239



85.2719, 80.6031, 105.1494



41.1798, 34.8658, 99.1671



17.9337, 16.6222, 22.3825



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.



69.5606, 49.5336, 98.8239



66.5629, 43.6357, 97.5238



62.2235, 46.5988, 60.1870



18.7772, 18.2942, 22.7097



30.5910, 14.7257, 48.6244



2.9831, 1.4356, 4.7581

Inverse Universe

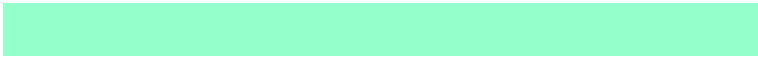
The Inverse Universe completely reimagines the original color for something new.



69.5606, 49.5336, 98.8239



66.5629, 43.6357, 97.5238



58.7875, 82.1419, 69.4355



18.7772, 18.2942, 22.7097



30.5910, 14.7257, 48.6244



2.9831, 1.4356, 4.7581

Previews

White Background



This preview shows how the XYZ color 69.5595, 49.5317, 98.8229 looks on a white background.

Color Contrast Check

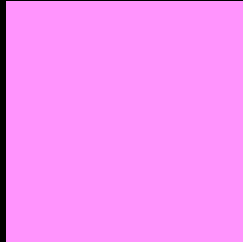
Large Text (above 18pt) WCAG AA × Fail

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 69.5595, 49.5317, 98.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

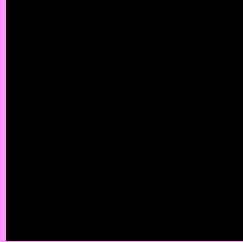
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5595, 49.5317, 98.8229

Background



This preview shows how black text looks on a background with the XYZ color 69.5595, 49.5317, 98.8229.



This preview shows how white text looks on a background with the XYZ color 69.5595, 49.5317,

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

69.5595, 49.5317, 98.8229

Protanopia

50.9160, 49.9173, 101.5592

Deuteranopia

51.0086, 49.8190, 94.1164



Tritanopia

59.0471, 49.4971, 48.0367

Trichromacy



Original Color

69.5595, 49.5317, 98.8229



Protanomaly

55.9306, 48.6666, 100.2117



Deuteranomaly

56.2904, 48.6619, 96.0484



Tritanomaly

62.4845, 49.3438, 63.9886

Monochromacy



Original Color

69.5595, 49.5317, 98.8229



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

55.6873, 50.3528, 70.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5595, 49.5317, 98.8229 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, 148, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 253)  
}
```

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, 148, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 253) }
```

Border

The CSS property to change the border of an element to XYZ 69.5595, 49.5317, 98.8229 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, 148, 253) }
```


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

```
.border{ border-color:rgb(255, 148, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5595, 49.5317, 98.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 253) }
```

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

```
.background{ background-color: rgb(255,  
148, 253) }
```

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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