

Converting Colors

XYZ(69.6056, 50.8322, 95.1127)

Have a look what the booklet for
XYZ(69.6056, 50.8322, 95.1127)
contains.

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Color

**XYZ(69.5745, 50.8198,
94.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99F8
RGB	255, 153, 248
RGB Percent	100%, 60%, 97%
CMY	0.0000, 0.4000, 0.0274
CMYK	0.00, 0.40, 0.03, 0.00
HSL	304°, 100%, 80%
HSV	304°, 40%, 100%
XYZ	69.5745, 50.8198, 94.9492
YIQ	194.3280, 30.2970, 51.1690

Conversions

Conversions Part 2

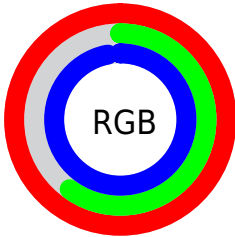
Format	Color
R _Y B	255, 153, 248
Decimal	16751096
CIE Lab	76.57, 51.61, -31.47
CIE LCh	77, 60.449, 328.623
Yxy	50.8198, 0.3231, 0.2360
Android (android.graphics.Color)	4294941176 (0xFFFF99F8)
YUV	194.3280, 26.4603, 53.2093
Hunter-Lab	71.2880, 49.4555, -29.0673

Details

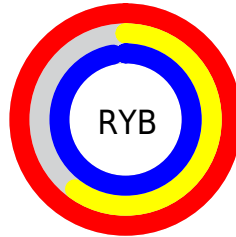
The XYZ color **69.5745, 50.8198, 94.9492** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.2436, 80.8311, 45.9504**, and the grayscale version is **51.3093, 53.9814, 58.7857**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **36.8918, 24.5556, 52.0855** is the 20% darker color. If you saturate the color by 10%, you get **65.5680, 43.2390, 92.2811**, and if you desaturate by 10%, it is **74.4775, 60.1890, 97.9300**.

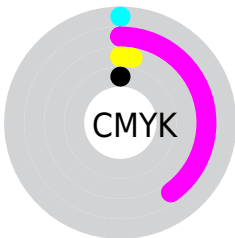
Distribution



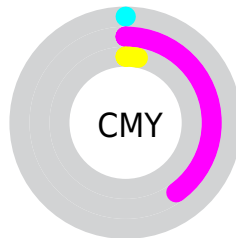
- Red (100%)
- Green (60%)
- Blue (97%)



- Red (100%)
- Yellow (60%)
- Blue (97%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5745, 50.8198, 94.9492 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 69.5745, 50.8198, 94.9492 by changing the saturation by 10% instead.


 69.5745, 50.8198,
94.9492


 69.5745, 50.8198,
94.9492


448.3443,
389.8633, 564.9825

 51.4581, 36.0652,
71.4960

 117.6313, 91.3884,
156.1894

 36.7958, 24.4846,
52.2628


 148.3025,
117.9711, 194.8135

 25.2224, 15.6935,
36.8309


183.8892,
149.2654, 239.3317

 16.3724, 9.3075,
24.7818

224.7569,
185.6556, 290.1625

 9.8806, 4.9423,
15.6970

271.2709,
227.5260, 347.7244

 5.3815, 2.2134,
9.1580

323.7966,

 2.5098, 0.7273,

275.2612, 412.4360

4.7462

382.6993,
329.2455, 484.7159

■ 0.9002, 0.0000,
2.0430

■ 0.0000, 0.0000,
0.5815

■ 69.5745, 50.8198,
94.9492

■ 69.5745, 50.8198,
94.9492

■ 65.5680, 43.2390,
92.2811

■ 74.4775, 60.1890,
97.9300

■ 62.3973, 37.3261,
89.9034

■ 80.3259, 71.4453,
101.2378

■ 59.9996, 32.9549,
87.7959

■ 87.1691, 84.6869,
104.8898

■ 58.3015, 29.9791,
85.9339

95.0500, 100.0000,
108.9000

■ 57.2157, 28.2240,
84.2885

■ 56.5995, 27.4039,
82.8120

■ 56.5994, 27.4038,
82.8116

Harmonies

Analogous

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



59.6012, 50.8198, 130.9044



69.5745, 50.8198, 94.9492



73.7415, 50.8198, 56.8583

Triad

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



69.5745, 50.8198, 94.9492



48.8320, 50.8198, 13.2748



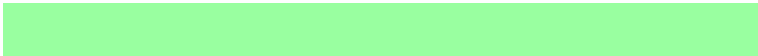
31.4814, 50.8198, 91.2487

Complementary

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



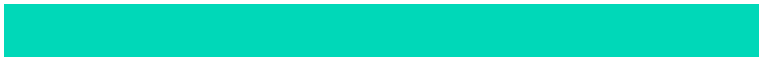
69.5745, 50.8198, 94.9492



55.2436, 80.8311, 45.9504

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.



29.5118, 50.8198, 53.8374



69.5745, 50.8198, 94.9492



38.5307, 50.8198, 16.4599

Square

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



69.5745, 50.8198, 94.9492



60.6583, 50.8198, 17.1422



31.8795, 50.8198, 28.6298



37.7503, 50.8198, 128.2410

Rectangle

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



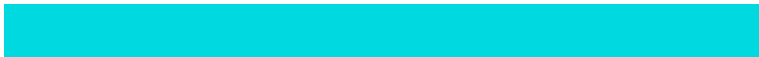
69.5745, 50.8198, 94.9492



72.2362, 50.8198, 37.5865



31.8795, 50.8198, 28.6298



30.3426, 50.8198, 77.9388

Sweetspot

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



69.5756, 50.8218, 94.9502



85.7170, 81.8721, 104.1302



43.9006, 37.4580, 99.5240



18.1490, 17.1405, 22.1837



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.



69.5756, 50.8218, 94.9502



66.2998, 44.6165, 92.7904



62.7336, 48.0850, 58.9205



18.7357, 18.2776, 22.4912



29.5973, 14.3282, 43.3915



2.8973, 1.4013, 4.3067

Inverse Universe

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



69.5756, 50.8218, 94.9502



66.2998, 44.6165, 92.7904



60.6311, 82.9861, 74.3207



18.7357, 18.2776, 22.4912



29.5973, 14.3282, 43.3915



2.8973, 1.4013, 4.3067

Previews

White Background



This preview shows how the XYZ color 69.5745, 50.8198, 94.9492 looks on a white background.

Color Contrast Check

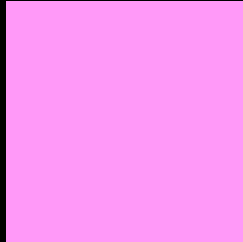
Large Text (above 18pt) WCAG AA × Fail

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 69.5745, 50.8198, 94.9492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

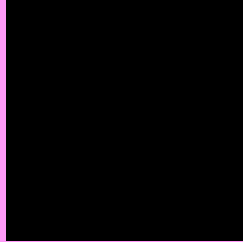
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5745, 50.8198, 94.9492

Background



This preview shows how black text looks on a background with the XYZ color 69.5745, 50.8198, 94.9492.



This preview shows how white text looks on a background with the XYZ color 69.5745, 50.8198,

94.9492.

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

69.5745, 50.8198, 94.9492

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.4083, 51.2319, 91.1309



Tritanopia

60.0630, 50.5256, 49.7668

Trichromacy



Original Color

69.5745, 50.8198, 94.9492



Protanomaly

56.7201, 49.9676, 98.7507



Deuteranomaly

57.1973, 50.0692, 92.2376



Tritanomaly

63.0067, 50.3882, 64.1627

Monochromacy



Original Color

69.5745, 50.8198, 94.9492



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

56.5766, 51.6942, 70.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5745, 50.8198, 94.9492 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, 153, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 248)  
}
```

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, 153, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 248) }
```

Border

The CSS property to change the border of an element to XYZ 69.5745, 50.8198, 94.9492 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, 153, 248) }
```


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

```
.border{ border-color:rgb(255, 153, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5745, 50.8198, 94.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 248) }
```

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

```
.background{ background-color: rgb(255,  
153, 248) }
```

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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