

Converting Colors

XYZ(69.5631, 51.5637, 95.4612)

Have a look what the booklet for
XYZ(69.5631, 51.5637, 95.4612)
contains.

XYZ(69.3398, 51.4369, 95.0806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.3398, 51.4369,
95.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9CF8
RGB	253, 156, 248
RGB Percent	99%, 61%, 97%
CMY	0.0078, 0.3882, 0.0274
CMYK	0.00, 0.38, 0.02, 0.01
HSL	303°, 96%, 80%
HSV	303°, 38%, 99%
XYZ	69.3398, 51.4369, 95.0806
YIQ	195.4910, 28.2800, 49.1760

Conversions

Conversions Part 2

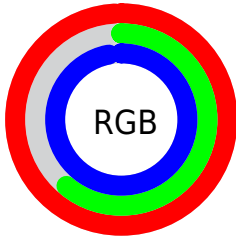
Format	Color
R _{YB}	253, 156, 248
Decimal	16620792
CIE Lab	76.94, 49.49, -30.92
CIE LCh	77, 58.357, 328.007
Yxy	51.4369, 0.3212, 0.2383
Android (android.graphics.Color)	4294810872 (0xFFFD9CF8)
YUV	195.4910, 25.8869, 50.4354
Hunter-Lab	71.7195, 47.0680, -28.3988

Details

The XYZ color **69.3398, 51.4369, 95.0806** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.2708, 79.8936, 46.2292**, and the grayscale version is **52.0046, 54.7129, 59.5824**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **36.6610, 24.8664, 52.1577** is the 20% darker color. If you saturate the color by 10%, you get **65.3271, 43.7333, 92.7485**, and if you desaturate by 10%, it is **74.2413, 60.9139, 97.7170**.

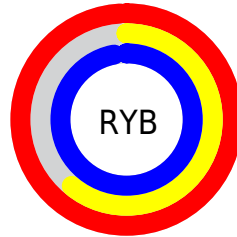
Distribution



Red (99%)

Green (61%)

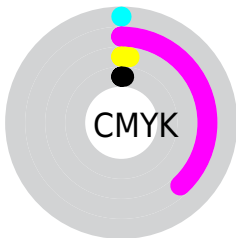
Blue (97%)



Red (99%)

Yellow (61%)

Blue (97%)

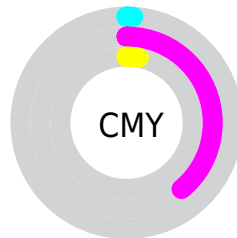


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3398, 51.4369, 95.0806 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 69.3398, 51.4369, 95.0806 by changing the saturation by 10% instead.


 69.3398, 51.4369,
95.0806


 69.3398, 51.4369,
95.0806


447.5312,
392.2589, 565.4139

 51.2661, 36.5564,
71.6048

 117.2982, 92.3003,
156.3725

 36.6424, 24.8642,
52.3510


 147.9136,
119.0519, 195.0257

 25.1031, 15.9759,
36.9008


183.4404,
150.5295, 239.5750

 16.2830, 9.5071,
24.8355

224.2438,
187.1173, 290.4392

 9.8168, 5.0734,
15.7366

270.6892,
229.1997, 348.0366

 5.3390, 2.2904,
9.1857

323.1420,

 2.4843, 0.7686,

277.1612, 412.7858

4.7640

381.9676,
331.3861, 485.1054

■ 0.8873, 0.0000,
2.0532

■ 0.0000, 0.0000,
0.5877

■ 69.3398, 51.4369,
95.0806

■ 69.3398, 51.4369,
95.0806

■ 65.3271, 43.7333,
92.7485

■ 74.2413, 60.9139,
97.7170

■ 62.1430, 37.6854,
90.6990

■ 80.0772, 72.2584,
100.6713

■ 59.7274, 33.1727,
88.9127

■ 86.8959, 85.5663,
103.9601

■ 58.0105, 30.0548,
87.3661

■ 94.0331, 99.5088,
107.3621

■ 56.9093, 28.1662, 94.2419, 99.5923,
86.0317 108.4617

■ 56.3084, 27.2759, 94.3186, 99.6230,
84.8709 108.8658

■ 56.2305, 27.1717,
84.6860

Harmonies

Analogous

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



59.6237, 51.4369, 129.2579



69.3398, 51.4369, 95.0806



73.5003, 51.4369, 58.1607

Triad

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



69.3398, 51.4369, 95.0806



49.6359, 51.4369, 14.4115



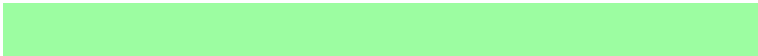
32.3484, 51.4369, 89.9321

Complementary

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



69.3398, 51.4369, 95.0806



55.2708, 79.8936, 46.2292

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.



30.4949, 51.4369, 53.9053



69.3398, 51.4369, 95.0806



39.5273, 51.4369, 17.4922

Square

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



69.3398, 51.4369, 95.0806



61.1046, 51.4369, 18.4900



32.9158, 51.4369, 29.4409



38.4210, 51.4369, 125.5777

Rectangle

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



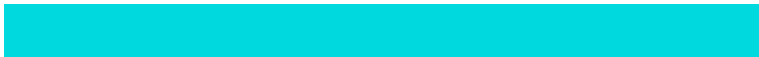
69.3398, 51.4369, 95.0806



72.1522, 51.4369, 39.1403



32.9158, 51.4369, 29.4409



31.2557, 51.4369, 77.1307

Sweetspot

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



69.3415, 51.4392, 95.0817



85.8003, 81.9054, 104.5688



44.2882, 38.4329, 98.0140



18.1687, 17.1484, 22.2877



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.



69.3415, 51.4392, 95.0817



67.3769, 46.1876, 94.9475



62.7830, 48.8158, 60.5451



18.7498, 18.2832, 22.5657



29.9293, 14.4610, 45.1398



2.9260, 1.4128, 4.4579

Inverse Universe

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



69.3415, 51.4392, 95.0817



67.3769, 46.1876, 94.9475



60.3897, 81.9411, 73.1847



18.7498, 18.2832, 22.5657



29.9293, 14.4610, 45.1398



2.9260, 1.4128, 4.4579

Previews

White Background



This preview shows how the XYZ color 69.3398, 51.4369, 95.0806 looks on a white background.

Color Contrast Check

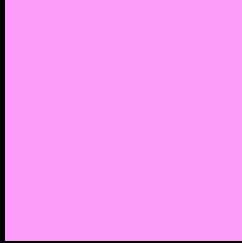
Large Text (above 18pt) WCAG AA × Fail

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 69.3398, 51.4369, 95.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

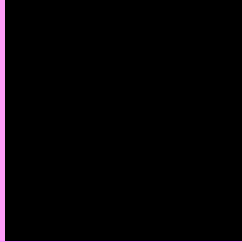
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3398, 51.4369, 95.0806

Background



This preview shows how black text looks on a background with the XYZ color 69.3398, 51.4369, 95.0806.



This preview shows how white text looks on a background with the XYZ color 69.3398, 51.4369,

95.0806.

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

69.3398, 51.4369, 95.0806

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.8534, 51.7752, 91.2123



Tritanopia

60.5782, 51.5808, 51.5630

Trichromacy



Original Color

69.3398, 51.4369, 95.0806



Protanomaly

57.1834, 50.4965, 98.8284



Deuteranomaly

57.5866, 50.8477, 92.3674



Tritanomaly

63.4290, 51.3717, 65.6041

Monochromacy



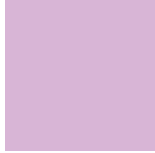
Original Color

69.3398, 51.4369, 95.0806



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.9804, 52.5017, 70.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3398, 51.4369, 95.0806 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(253, 156, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 156, 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(253, 156, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 156, 248) }
```

Border

The CSS property to change the border of an element to XYZ 69.3398, 51.4369, 95.0806 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(253, 156, 248) }
```


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

```
.border{ border-color:rgb(253, 156, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 156, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 156, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 156, 248);  
box-shadow:4px 4px 4px 4px rgb(253, 156,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3398, 51.4369, 95.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 156, 248) }
```

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

```
.background{ background-color: rgb(253,  
156, 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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