

Converting Colors

XYZ(63.0907, 44.2802, 94.6087)

Have a look what the booklet for
XYZ(63.0907, 44.2802, 94.6087)
contains.

XYZ(63.2936, 44.3595, 94.8488)	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(63.2936, 44.3595,
94.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	F38BF9
RGB	243, 139, 249
RGB Percent	95%, 55%, 98%
CMY	0.0471, 0.4549, 0.0235
CMYK	0.02, 0.44, 0.00, 0.02
HSL	297°, 90%, 76%
HSV	297°, 44%, 98%
XYZ	63.2936, 44.3595, 94.8488
YIQ	182.6360, 26.6740, 56.2580

Conversions

Conversions Part 2

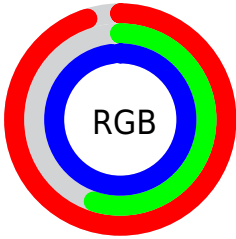
Format	Color
R _Y B	243, 139, 249
Decimal	15961081
CIE Lab	72.47, 55.30, -38.48
CIE LCh	72, 67.368, 325.169
Yxy	44.3595, 0.3126, 0.2191
Android (android.graphics.Color)	4294151161 (0xFFFF38BF9)
YUV	182.6360, 32.7175, 52.9392
Hunter-Lab	66.6029, 53.0757, -37.8125

Details

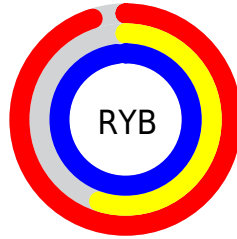
The XYZ color **63.2936, 44.3595, 94.8488** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.2145, 75.6363, 36.3810**, and the grayscale version is **44.6285, 46.9526, 51.1314**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **32.7705, 20.6171, 52.1215** is the 20% darker color. If you saturate the color by 10%, you get **59.6239, 37.7123, 93.7598**, and if you desaturate by 10%, it is **67.7907, 52.6543, 96.2135**.

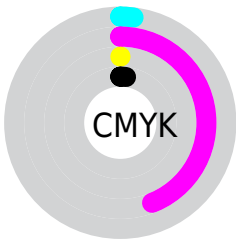
Distribution



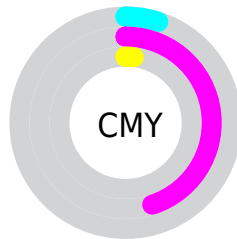
- Red (95%)
- Green (55%)
- Blue (98%)



- Red (95%)
- Yellow (55%)
- Blue (98%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2936, 44.3595, 94.8488 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 63.2936, 44.3595, 94.8488 by changing the saturation by 10% instead.


 63.2936, 44.3595,
94.8488


 63.2936, 44.3595,
94.8488


426.2770,
364.1733, 564.6528


 46.3383, 30.9532,
71.4129

 108.6724, 81.7584,
156.0495

 32.7186, 20.5632,
52.1954


 137.8266,
106.5199, 194.6514

 22.0692, 12.8051,
36.7775


 171.7779,
135.8352, 239.1457

 14.0246, 7.2945,
24.7408

210.8915,
170.0887, 289.9510

 8.2196, 3.6469,
15.6668

255.5329,
209.6649, 347.4859

 4.2888, 1.4781,
9.1369

306.0674,

 1.8668, 0.2732,

254.9482, 412.1687

4.7326

362.8603,
306.3228, 484.4182

■ 0.5574, 0.0000,
2.0352

■ 0.0000, 0.0000,
0.5768

■ 63.2936, 44.3595,
94.8488

■ 63.2936, 44.3595,
94.8488

■ 59.6239, 37.7123,
93.7598

■ 67.7907, 52.6543,
96.2135

■ 56.7207, 32.5939,
92.9249

■ 73.1619, 62.6931,
97.8681

■ 54.5217, 28.8790,
92.3237

■ 79.4557, 74.5720,
99.8292

■ 52.9533, 26.4201,
91.9318

■ 86.7157, 88.3780,
102.1114

51.9251, 25.0365,
91.7189

92.2088, 98.6452,
103.8036

51.4988, 24.5733,
91.6520

92.6967, 98.8967,
103.8265

93.1881, 99.1500,
103.8495

93.6831, 99.4052,
103.8726

94.0990, 99.6196,
103.8921

Harmonies

Analogous

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



52.3980, 44.3595, 132.4598



63.2936, 44.3595, 94.8488



68.5790, 44.3595, 53.8924

Triad

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



63.2936, 44.3595, 94.8488



44.0724, 44.3595, 8.4777



24.9993, 44.3595, 80.9503

Complementary

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



63.2936, 44.3595, 94.8488



50.2145, 75.6363, 36.3810

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.



23.5854, 44.3595, 43.1084



63.2936, 44.3595, 94.8488



33.3549, 44.3595, 10.4466

Square

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



63.2936, 44.3595, 94.8488



56.2567, 44.3595, 12.5114



26.3511, 44.3595, 20.1928



30.6438, 44.3595, 122.1785

Rectangle

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



63.2936, 44.3595, 94.8488



67.6165, 44.3595, 33.4145



26.3511, 44.3595, 20.1928



24.0633, 44.3595, 67.0562

Sweetspot

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



63.2951, 44.3615, 94.8497



84.7094, 80.3016, 105.6428



38.0786, 32.9914, 93.9842



17.7930, 16.5468, 22.5060



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.



63.2951, 44.3615, 94.8497



63.3284, 40.5056, 99.0883



58.8829, 42.8397, 60.6314



17.8940, 17.4735, 21.8149



27.6067, 13.1744, 49.0614



2.5846, 1.2345, 4.5452

Inverse Universe

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



53.4119, 40.6513, 31.8214



51.7836, 36.1950, 24.4114



53.4587, 76.8150, 58.8380



17.2830, 17.2406, 18.0800



20.9683, 10.8030, 1.2756



1.9551, 1.0058, 0.1869

Previews

White Background



This preview shows how the XYZ color 63.2936, 44.3595, 94.8488 looks on a white background.

Color Contrast Check

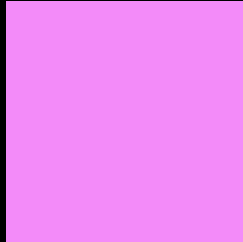
Large Text (above 18pt) WCAG AA × Fail

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 63.2936, 44.3595, 94.8488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

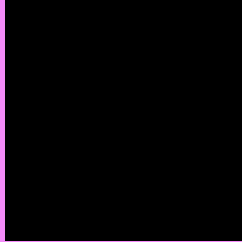
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2936, 44.3595, 94.8488

Background



This preview shows how black text looks on a background with the XYZ color 63.2936, 44.3595, 94.8488.



This preview shows how white text looks on a background with the XYZ color 63.2936, 44.3595,

94.8488.

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

63.2936, 44.3595, 94.8488

Protanopia

46.5242, 44.9461, 100.8311

Deuteranopia

45.8504, 44.8324, 90.2413



Tritanopia

52.8227, 44.3022, 43.3032

Trichromacy



Original Color

63.2936, 44.3595, 94.8488



Protanomaly

50.8344, 43.6005, 98.6650



Deuteranomaly

50.8138, 43.7341, 92.1495



Tritanomaly

56.0244, 43.8944, 58.9457

Monochromacy



Original Color

63.2936, 44.3595, 94.8488



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

50.2580, 45.1216, 65.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2936, 44.3595, 94.8488 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(243, 139, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 139, 249)  
}
```

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(243, 139, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 139, 249) }
```

Border

The CSS property to change the border of an element to XYZ 63.2936, 44.3595, 94.8488 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(243, 139, 249) }
```


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

```
.border{ border-color:rgb(243, 139, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 139, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 139, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 139, 249); box-shadow:4px 4px 4px 4px rgb(243, 139, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2936, 44.3595, 94.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 139, 249) }
```

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

```
.background{ background-color: rgb(243,  
139, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor