

Converting Colors

XYZ(62.0266, 35.4237, 94.7953)

Have a look what the booklet for
XYZ(62.0266, 35.4237, 94.7953)
contains.

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Color

**XYZ(61.9418, 35.3482,
94.8250)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FE5AFB |
| RGB | 254, 90, 251 |
| RGB Percent | 100%, 35%, 98% |
| CMY | 0.0039, 0.6470, 0.0157 |
| CMYK | 0.00, 0.65, 0.01, 0.00 |
| HSL | 301°, 99%, 67% |
| HSV | 301°, 65%, 100% |
| XYZ | 61.9418, 35.3482, 94.8250 |
| YIQ | 157.3900, 46.0630, 84.8390 |

Conversions

Conversions Part 2

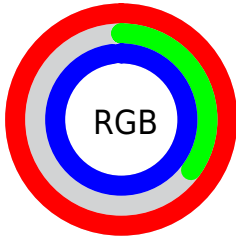
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 254, 90, 251 |
| Decimal | 16669435 |
| CIE _{Lab} | 66.02, 79.97, -49.58 |
| CIE _{LCh} | 66, 94.090, 328.200 |
| Yxy | 35.3482, 0.3224, 0.1840 |
| Android (android.graphics.Color) | 4294859515 (0xFFFE5AFB) |
| YUV | 157.3900, 46.1497, 84.7270 |
| Hunter-Lab | 59.4544, 81.9230, -52.9448 |

Details

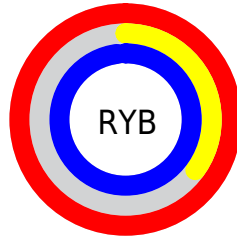
The XYZ color **61.9418, 35.3482, 94.8250** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **41.6357, 73.8491, 22.4178**, and the grayscale version is **32.0092, 33.6762, 36.6734**.

A 20% lighter version of the original color is **70.1963, 50.2927, 100.6154**, and **31.9857, 15.3644, 52.3187** is the 20% darker color. If you saturate the color by 10%, you get **60.0809, 31.7426, 93.8439**, and if you desaturate by 10%, it is **64.5370, 40.4202, 96.0523**.

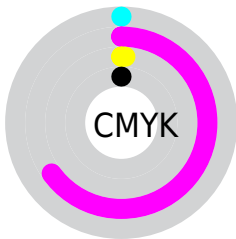
Distribution



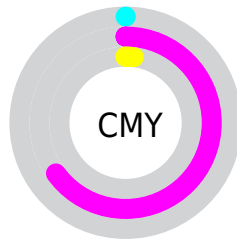
- Red (100%)
- Green (35%)
- Blue (98%)



- Red (100%)
- Yellow (35%)
- Blue (98%)



- Cyan (0%)
- Magenta (65%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9418, 35.3482, 94.8250 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 61.9418, 35.3482, 94.8250 by changing the saturation by 10% instead.


 61.9418, 35.3482,
94.8250


 61.9418, 35.3482,
94.8250


421.4397,
326.1026, 564.5746

 45.2411, 23.9312,
71.3932


 106.7318, 68.0248,
156.0163

 31.8495, 15.2826,
52.1794


 135.5519, 90.0533,
194.6130

 21.4015, 9.0180,
36.7648


 169.1424,
116.3877, 239.1016

 13.5320, 4.7529,
24.7311

 207.8687,
147.4124, 289.9009

 7.8754, 2.1030,
15.6596

252.0963,
183.5119, 347.4293

 4.0664, 0.6663,
9.1319

302.1904,

 1.7398, 0.0000,

225.0705, 412.1053

4.7293

358.5164,
272.4726, 484.3476

■ 0.4810, 0.0000,
2.0334

■ 0.0000, 0.0000,
0.5757

■ 61.9418, 35.3482,
94.8250

■ 61.9418, 35.3482,
94.8250

■ 60.0809, 31.7426,
93.8439

■ 64.5370, 40.4202,
96.0523

■ 58.8724, 29.4424,
93.0809


■ 67.9298, 47.0881,
97.5461


■ 58.2217, 28.2575,
92.5047

■ 72.1811, 55.4726,
99.3269

■ 58.0277, 27.9328,
92.2451

■ 77.3447, 65.6815,
101.4128

 83.4701, 77.8137,
103.8201

 90.6032, 91.9612,
106.5642

94.5638, 99.7632,
108.2517

94.6384, 99.7930,
108.6448

94.6836, 99.8111,
108.8829

Harmonies

Analogous

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



47.9348, 35.3482, 153.6574



61.9418, 35.3482, 94.8250



68.1743, 35.3482, 40.9521

Triad

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



61.9418, 35.3482, 94.8250



34.4471, 35.3482, 1.4465



15.0678, 35.3482, 87.4032

Complementary

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



61.9418, 35.3482, 94.8250



41.6357, 73.8491, 22.4178

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.



13.2853, 35.3482, 36.1252



61.9418, 35.3482, 94.8250



22.4485, 35.3482, 2.7234

Square

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



61.9418, 35.3482, 94.8250



49.8083, 35.3482, 3.1575



15.5669, 35.3482, 10.5398



21.3515, 35.3482, 147.6642

Rectangle

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



61.9418, 35.3482, 94.8250



66.0666, 35.3482, 19.1340



15.5669, 35.3482, 10.5398



14.0141, 35.3482, 67.8156

Sweetspot

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



61.9431, 35.3498, 94.8257



81.3515, 72.8309, 103.6313



26.0345, 16.7831, 95.6345



17.0395, 14.8500, 22.0344



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.



61.9431, 35.3498, 94.8257



60.2629, 31.3428, 94.4770



51.7174, 31.2595, 40.9777



18.7775, 18.2943, 22.7114



30.5990, 14.7289, 48.6661



2.9837, 1.4359, 4.7617

Inverse Universe

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



61.9431, 35.3498, 94.8257



60.2629, 31.3428, 94.4770



47.3716, 76.1435, 52.6230



18.7775, 18.2943, 22.7114



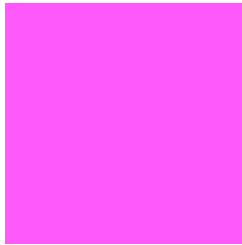
30.5990, 14.7289, 48.6661



2.9837, 1.4359, 4.7617

Previews

White Background



This preview shows how the XYZ color 61.9418, 35.3482, 94.8250 looks on a white background.

Color Contrast Check

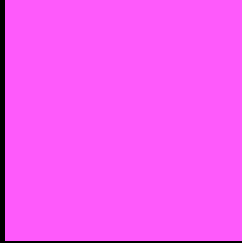
Large Text (above 18pt) WCAG AA × Fail

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 61.9418, 35.3482, 94.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

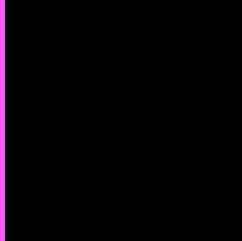
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9418, 35.3482, 94.8250

Background



This preview shows how black text looks on a background with the XYZ color 61.9418, 35.3482, 94.8250.



This preview shows how white text looks on a background with the XYZ color 61.9418, 35.3482,

94.8250.

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

61.9418, 35.3482, 94.8250

Protanopia

38.3029, 35.8113, 99.5012

Deuteranopia

36.7564, 35.7929, 87.4095



Tritanopia

47.9123, 35.0892, 26.8019

Trichromacy



Original Color

61.9418, 35.3482, 94.8250



Protanomaly

42.8545, 32.4769, 97.7759



Deuteranomaly

42.0064, 32.6303, 89.6722



Tritanomaly

51.7360, 34.3555, 45.4995

Monochromacy



Original Color

61.9418, 35.3482, 94.8250



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

39.5297, 31.7431, 53.3338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9418, 35.3482, 94.8250 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(254, 90, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 90, 251)  
}
```

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(254, 90, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 90, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.9418, 35.3482, 94.8250 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(254, 90, 251) }
```


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

```
.border{ border-color:rgb(254, 90, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 90, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 90, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 90, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 90,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9418, 35.3482, 94.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 90, 251) }
```

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

```
.background{ background-color: rgb(254, 90,  
251) }
```

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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