

Converting Colors

XYZ(59.7511, 43.8440, 89.7953)

Have a look what the booklet for
XYZ(59.7511, 43.8440, 89.7953)
contains.

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Color

**XYZ(59.7552, 43.7412,
90.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	E990F3
RGB	233, 144, 243
RGB Percent	91%, 56%, 95%
CMY	0.0863, 0.4353, 0.0471
CMYK	0.04, 0.41, 0.00, 0.05
HSL	294°, 80%, 76%
HSV	294°, 41%, 95%
XYZ	59.7552, 43.7412, 90.0875
YIQ	181.8970, 21.2650, 49.6570

Conversions

Conversions Part 2

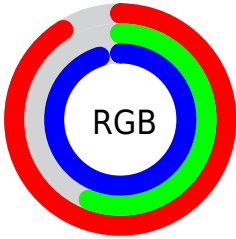
Format	Color
RYB	233, 144, 243
Decimal	15306995
CIELab	72.06, 48.79, -35.94
CIELCh	72, 60.594, 323.622
Yxy	43.7412, 0.3087, 0.2260
Android (android.graphics.Color)	4293497075 (0xFFE990F3)
YUV	181.8970, 30.1238, 44.8173
Hunter-Lab	66.1371, 45.5356, -34.4648

Details

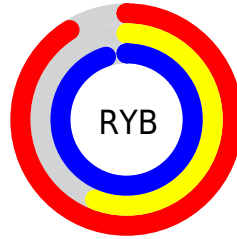
The XYZ color **59.7552, 43.7412, 90.0875** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.4125, 72.9859, 37.8182**, and the grayscale version is **44.2419, 46.5460, 50.6886**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **30.5085, 20.2574, 48.7565** is the 20% darker color. If you saturate the color by 10%, you get **55.6679, 36.7469, 88.9535**, and if you desaturate by 10%, it is **64.6486, 52.3291, 91.4879**.

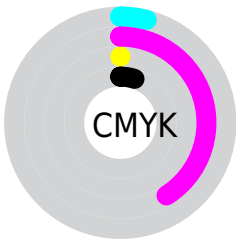
Distribution



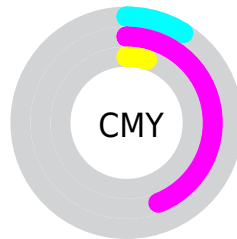
- Red (91%)
- Green (56%)
- Blue (95%)



- Red (91%)
- Yellow (56%)
- Blue (95%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7552, 43.7412, 90.0875 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 59.7552, 43.7412, 90.0875 by changing the saturation by 10% instead.


 59.7552, 43.7412,
90.0875


 59.7552, 43.7412,
90.0875


413.5441,
361.6511, 548.8929

 43.4701, 30.4671,
67.4791

 103.5828, 80.8282,
149.3965

 30.4502, 20.1934,
49.0100


 131.8560,
105.4098, 186.9342

 20.3303, 12.5357,
34.2618


164.8560,
134.5295, 230.2854

 12.7451, 7.1096,
22.8158

202.9480,
168.5715, 279.8686

 7.3290, 3.5308,
14.2535

246.4975,
207.9203, 336.1025

 3.7169, 1.4147,
8.1564

295.8697,

 1.5432, 0.2275,

252.9602, 399.4054

4.1060

351.4301,
304.0757, 470.1961

■ 0.3550, 0.0000,
1.6837

■ 0.0000, 0.0000,
0.3495

■ 59.7552, 43.7412,
90.0875

■ 59.7552, 43.7412,
90.0875

■ 55.6679, 36.7469,
88.9535

■ 64.6486, 52.3291,
91.4879

■ 52.3310, 31.2379,
88.0661

■ 70.3905, 62.5984,
93.1674

■ 49.6885, 27.1013,
87.4069

■ 77.0255, 74.6372,
95.1414

■ 47.6747, 24.2058,
86.9541

■ 84.5938, 88.5260,
97.4233

46.2110, 22.3942,
86.6816

89.6896, 97.4529,
98.8778

45.2280, 21.4470,
86.5506

90.5529, 97.8980,
98.9182

91.4277, 98.3489,
98.9592

92.3138, 98.8057,
99.0006

93.1778, 99.2511,
99.0411

Harmonies

Analogous

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



50.0748, 43.7412, 121.3091



59.7552, 43.7412, 90.0875



64.6691, 43.7412, 54.2463

Triad

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



59.7552, 43.7412, 90.0875



43.8260, 43.7412, 10.4607



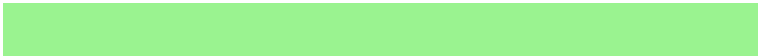
25.8696, 43.7412, 74.3268

Complementary

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



59.7552, 43.7412, 90.0875



50.4125, 72.9859, 37.8182

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.



24.7596, 43.7412, 41.5689



59.7552, 43.7412, 90.0875



34.0954, 43.7412, 12.1558

Square

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



59.7552, 43.7412, 90.0875



54.5381, 43.7412, 14.8870



27.5155, 43.7412, 21.1789



30.8478, 43.7412, 109.8741

Rectangle

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



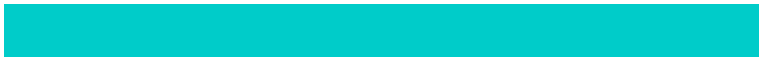
59.7552, 43.7412, 90.0875



64.0843, 43.7412, 35.4188



27.5155, 43.7412, 21.1789



25.0702, 43.7412, 62.3597

Sweetspot

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



59.7567, 43.7431, 90.0884



84.9253, 81.4251, 105.8483



39.4941, 36.0286, 89.6673



17.9613, 17.0345, 22.5913



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.



59.7567, 43.7431, 90.0884



62.7876, 42.1430, 99.4329



57.9622, 43.4132, 63.1155



17.0390, 16.6783, 20.8637



24.8889, 11.8050, 47.5048



2.2342, 1.0616, 4.1774

Inverse Universe

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



52.7695, 41.3361, 35.7710



54.1623, 39.2118, 30.5699



51.9920, 73.4069, 55.6594



16.5671, 16.5097, 17.4671



20.4020, 10.5042, 1.5595



1.8154, 0.9321, 0.2543

Previews

White Background



This preview shows how the XYZ color 59.7552, 43.7412, 90.0875 looks on a white background.

Color Contrast Check

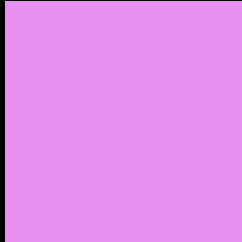
Large Text (above 18pt) WCAG AA × Fail

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 59.7552, 43.7412, 90.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

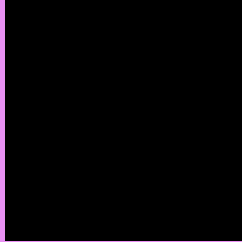
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7552, 43.7412, 90.0875

Background



This preview shows how black text looks on a background with the XYZ color 59.7552, 43.7412, 90.0875.



This preview shows how white text looks on a background with the XYZ color 59.7552, 43.7412,

90.0875.

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

59.7552, 43.7412, 90.0875

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

44.9193, 43.8601, 86.2191



Tritanopia

50.2760, 43.4628, 44.7691

Trichromacy



Original Color

59.7552, 43.7412, 90.0875



Protanomaly

49.3322, 42.8627, 96.9400



Deuteranomaly

49.1707, 42.9912, 87.3679



Tritanomaly

53.4272, 43.5193, 59.0102

Monochromacy



Original Color

59.7552, 43.7412, 90.0875



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.9891, 44.7824, 63.1886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7552, 43.7412, 90.0875 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(233, 144, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 144, 243)  
}
```

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(233, 144, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 144, 243) }
```

Border

The CSS property to change the border of an element to XYZ 59.7552, 43.7412, 90.0875 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(233, 144, 243) }
```


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

```
.border{ border-color:rgb(233, 144, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 144, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 144, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 144, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 144,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7552, 43.7412, 90.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 144, 243) }
```

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

```
.background{ background-color: rgb(233,  
144, 243) }
```

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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