

Converting Colors

XYZ(65.9960, 51.5202, 98.3524)

Have a look what the booklet for
XYZ(65.9960, 51.5202, 98.3524)
contains.

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Color

**XYZ(65.9278, 51.3998,
98.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA3FC
RGB	238, 163, 252
RGB Percent	93%, 64%, 99%
CMY	0.0667, 0.3608, 0.0118
CMYK	0.06, 0.35, 0.00, 0.01
HSL	291°, 94%, 81%
HSV	291°, 35%, 99%
XYZ	65.9278, 51.3998, 98.5418
YIQ	195.5710, 16.1310, 43.5790

Conversions

Conversions Part 2

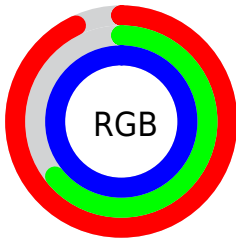
Format	Color
R _Y B	238, 163, 252
Decimal	15639548
CIE Lab	76.92, 42.08, -33.25
CIE LCh	77, 53.632, 321.688
Yxy	51.3998, 0.3054, 0.2381
Android (android.graphics.Color)	4293829628 (0xFFEEA3FC)
YUV	195.5710, 27.8195, 37.2102
Hunter-Lab	71.6937, 38.6805, -31.3076

Details

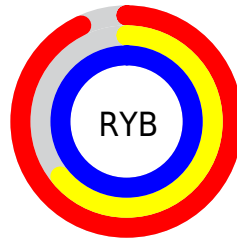
The XYZ color **65.9278, 51.3998, 98.5418** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.5544, 81.6135, 47.2668**, and the grayscale version is **52.0462, 54.7567, 59.6300**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.4823, 24.9157, 54.6216** is the 20% darker color. If you saturate the color by 10%, you get **60.5756, 42.6483, 97.1354**, and if you desaturate by 10%, it is **72.2042, 61.9537, 100.2489**.

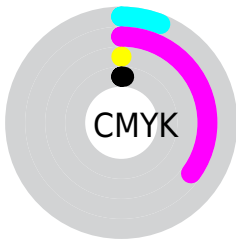
Distribution



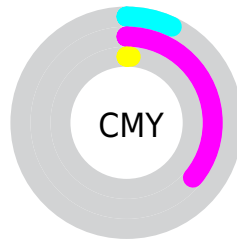
- Red (93%)
- Green (64%)
- Blue (99%)



- Red (93%)
- Yellow (64%)
- Blue (99%)



- Cyan (6%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)




- Cyan (7%)
- Magenta (36%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9278, 51.3998, 98.5418 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 65.9278, 51.3998, 98.5418 by changing the saturation by 10% instead.


 65.9278, 51.3998,
98.5418


 65.9278, 51.3998,
98.5418


435.6113,
392.1151, 576.7141

 48.4813, 36.5269,
74.4732

 112.4410, 92.2455,
161.1862

 34.4210, 24.8414,
54.6823


 142.2384,
118.9870, 200.5991

 23.3816, 15.9589,
38.7505


176.8835,
150.4536, 245.9638

 14.9978, 9.4951,
26.2594

216.7416,
187.0295, 297.6989

 8.9042, 5.0655,
16.7903

262.1780,
229.0992, 356.2230

 4.7353, 2.2857,
9.9247

313.5583,

 2.1260, 0.7661,

277.0471, 421.9545

5.2441

371.2476,
331.2576, 495.3120

■ 0.7033, 0.0000,
2.3300

■ 0.0000, 0.0000,
0.7479

■ 65.9278, 51.3998,
98.5418

■ 65.9278, 51.3998,
98.5418

■ 60.5756, 42.6483,
97.1354

■ 72.2042, 61.9537,
100.2489

■ 56.0889, 35.5859,
96.0087

■ 79.4486, 74.4011,
102.2697

■ 52.4105, 30.0970,
95.1432

■ 87.7082, 88.8349,
104.6203

■ 49.4737, 26.0486,
94.5165

■ 94.1518, 99.5923,
106.3571

■ 47.2006, 23.2853,
94.1030

94.5708, 99.8083,
106.3767

■ 45.4953, 21.6156,
93.8705

■ 44.8266, 21.0792,
93.8023

Harmonies

Analogous

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



56.4715, 51.3998, 126.1236



65.9278, 51.3998, 98.5418



70.9601, 51.3998, 64.4903

Triad

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



65.9278, 51.3998, 98.5418



51.7463, 51.3998, 16.7384



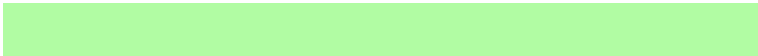
32.7927, 51.3998, 79.4126

Complementary

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



65.9278, 51.3998, 98.5418



59.5544, 81.6135, 47.2668

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.



31.8940, 51.3998, 48.2274



65.9278, 51.3998, 98.5418



41.9542, 51.3998, 18.3000

Square

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



65.9278, 51.3998, 98.5418



62.0586, 51.3998, 22.4337



35.0161, 51.3998, 27.8524



37.6693, 51.3998, 112.6665

Rectangle

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



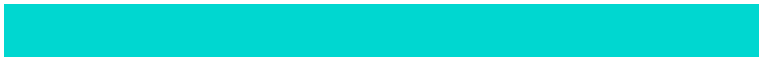
65.9278, 51.3998, 98.5418



70.7029, 51.3998, 45.3338



35.0161, 51.3998, 27.8524



32.0453, 51.3998, 68.1419

Sweetspot

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



65.9295, 51.4020, 98.5429



85.1407, 82.5636, 106.0567



48.5642, 46.5916, 98.5297



17.9815, 17.2498, 22.6318



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.



65.9295, 51.4020, 98.5429



63.9356, 46.5722, 100.2273



66.4732, 52.1837, 75.9123



17.7092, 17.3782, 21.8063



23.4544, 11.0339, 48.8671



2.2420, 1.0579, 4.5292

Inverse Universe

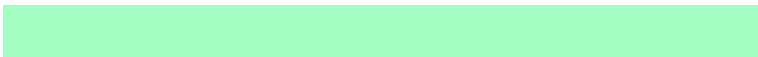
The Inverse Universe completely reimagines the original color for something new.



61.1795, 50.0663, 48.0363



58.5827, 45.1158, 41.0971



59.5049, 81.2440, 62.8049



17.3559, 17.2697, 18.4640



21.1422, 10.8726, 2.1914



1.9895, 1.0196, 0.3684

Previews

White Background



This preview shows how the XYZ color 65.9278, 51.3998, 98.5418 looks on a white background.

Color Contrast Check

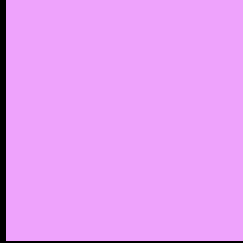
Large Text (above 18pt) WCAG AA × Fail

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 65.9278, 51.3998, 98.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

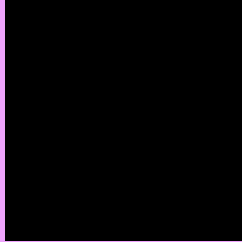
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9278, 51.3998, 98.5418

Background



This preview shows how black text looks on a background with the XYZ color 65.9278, 51.3998, 98.5418.



This preview shows how white text looks on a background with the XYZ color 65.9278, 51.3998,

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

65.9278, 51.3998, 98.5418

Protanopia

52.6108, 51.7325, 101.8202

Deuteranopia

52.9189, 51.7210, 95.1897



Tritanopia

57.0237, 51.3828, 55.0565

Trichromacy



Original Color

65.9278, 51.3998, 98.5418



Protanomaly

56.5152, 50.9981, 100.6309



Deuteranomaly

56.8387, 50.9597, 96.4630



Tritanomaly

59.7253, 51.0351, 68.9902

Monochromacy



Original Color

65.9278, 51.3998, 98.5418



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.3991, 53.0877, 72.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9278, 51.3998, 98.5418 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(238, 163, 252)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 252)  
}
```

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(238, 163, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 252) }
```

Border

The CSS property to change the border of an element to XYZ 65.9278, 51.3998, 98.5418 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(238, 163, 252) }
```


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

```
.border{ border-color:rgb(238, 163, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 163, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 252);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9278, 51.3998, 98.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 252) }
```

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

```
.background{ background-color: rgb(238,  
163, 252) }
```

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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