

Converting Colors

XYZ(59.3993, 44.4202, 82.1618)

Have a look what the booklet for
XYZ(59.3993, 44.4202, 82.1618)
contains.

XYZ(59.4026, 44.4128, 82.5325)	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(59.4026, 44.4128,
82.5325)**

Conversions

Conversions Part 1	
Format	Color
Hex	EB93E9
RGB	235, 147, 233
RGB Percent	92%, 58%, 91%
CMY	0.0784, 0.4235, 0.0863
CMYK	0.00, 0.37, 0.01, 0.08
HSL	301°, 69%, 75%
HSV	301°, 37%, 92%
XYZ	59.4026, 44.4128, 82.5325
YIQ	183.1160, 24.8420, 45.4020

Conversions

Conversions Part 2

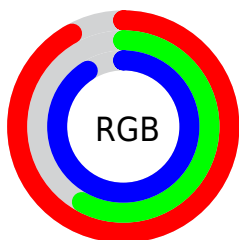
Format	Color
RYB	235, 147, 233
Decimal	15438825
CIELab	72.50, 46.01, -29.76
CIELCh	73, 54.796, 327.101
Yxy	44.4128, 0.3188, 0.2383
Android (android.graphics.Color)	4293628905 (0xFFEB93E9)
YUV	183.1160, 24.5928, 45.5023
Hunter-Lab	66.6429, 42.4820, -26.7764

Details

The XYZ color **59.4026, 44.4128, 82.5325** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **47.1676, 67.7911, 39.0352**, and the grayscale version is **44.9345, 47.2746, 51.4820**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **30.2986, 20.6447, 43.9829** is the 20% darker color. If you saturate the color by 10%, you get **56.0391, 37.8068, 81.0358**, and if you desaturate by 10%, it is **63.5156, 52.5156, 84.2811**.

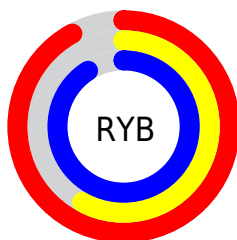
Distribution



Red (92%)

Green (58%)

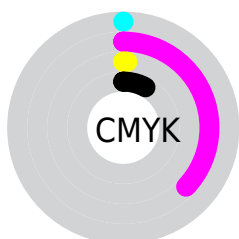
Blue (91%)



Red (92%)

Yellow (58%)

Blue (91%)

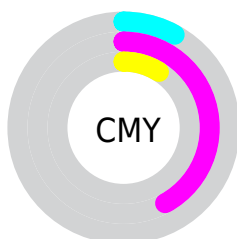


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (8%)



Cyan (8%)


Magenta (42%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4026, 44.4128, 82.5325 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 59.4026, 44.4128, 82.5325 by changing the saturation by 10% instead.


 59.4026, 44.4128,
82.5325


 59.4026, 44.4128,
82.5325


412.2624,
364.3902, 523.3573

 43.1849, 30.9952,
61.2662


 103.0739, 81.8385,
138.7639

 30.2254, 20.5952,
44.0081


 131.2581,
106.6155, 174.5660

 20.1586, 12.8284,
30.3396

164.1620,
135.9476, 216.0505

 12.6193, 7.3105,
19.8423

202.1508,
170.2193, 263.6359

 7.2421, 3.6570,
12.0975

245.5899,
209.8150, 317.7407

 3.6617, 1.4836,
6.6868


294.8446,

 1.5126, 0.2772,


255.1191, 378.7835


3.1915


350.2803,
306.5161, 447.1829


 0.3344, 0.0000,
1.1932


 0.0000, 0.0000,
0.0000


 59.4026, 44.4128,
82.5325


 59.4026, 44.4128,
82.5325


 56.0391, 37.8068,
81.0358


 63.5156, 52.5156,
84.2811


 53.3749, 32.6001,
79.7729


 68.4157, 62.1930,
86.2927


 51.3609, 28.6932,
78.7279


 74.1430, 73.5246,
88.5812


 49.9393, 25.9709,
77.8814


 80.7338, 86.5827,
91.1587


 49.0425, 24.2978,
77.2111


 85.1141, 95.2195,
93.0005


 48.5808, 23.4944,
76.6869

 85.1917, 95.2505,
93.4092

 48.4965, 23.3564,
76.5643

 85.2695, 95.2816,
93.8191

 85.3476, 95.3129,
94.2302

 85.4259, 95.3442,
94.6426

Harmonies

Analogous

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



51.0542, 44.4128, 111.1396



59.4026, 44.4128, 82.5325



63.1113, 44.4128, 51.0406

Triad

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



59.4026, 44.4128, 82.5325



43.1396, 44.4128, 12.7575



28.0021, 44.4128, 76.1858

Complementary

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



59.4026, 44.4128, 82.5325



47.1676, 67.7911, 39.0352

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.



26.5273, 44.4128, 45.7711



59.4026, 44.4128, 82.5325



34.4565, 44.4128, 15.2271

Square

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



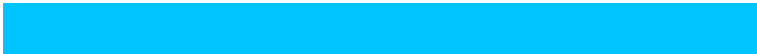
59.4026, 44.4128, 82.5325



52.8843, 44.4128, 16.4793



28.7076, 44.4128, 25.2219



33.0835, 44.4128, 106.6144

Rectangle

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



59.4026, 44.4128, 82.5325



62.0956, 44.4128, 34.5991



28.7076, 44.4128, 25.2219



27.1044, 44.4128, 65.3524

Sweetspot

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



59.4040, 44.4148, 82.5334



86.6429, 83.3498, 105.5920



37.7285, 33.2074, 83.0194



18.3421, 17.4386, 22.5200



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.



59.4040, 44.4148, 82.5334



68.2875, 47.1424, 97.9213



53.9396, 42.2290, 53.7583



15.6992, 15.3075, 18.9671



26.9970, 13.0015, 42.6473



2.1246, 1.0228, 3.3737

Inverse Universe

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



59.4040, 44.4148, 82.5334



68.2875, 47.1424, 97.9213



51.3089, 69.4476, 60.8431



15.6992, 15.3075, 18.9671



26.9970, 13.0015, 42.6473



2.1246, 1.0228, 3.3737

Previews

White Background



This preview shows how the XYZ color 59.4026, 44.4128, 82.5325 looks on a white background.

Color Contrast Check

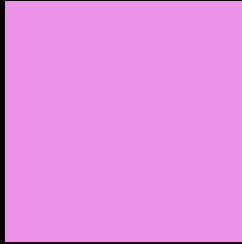
Large Text (above 18pt) WCAG AA × Fail

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 59.4026, 44.4128, 82.5325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

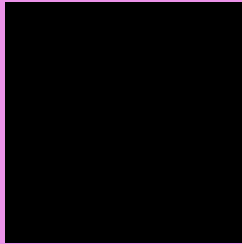
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4026, 44.4128, 82.5325

Background



This preview shows how black text looks on a background with the XYZ color 59.4026, 44.4128, 82.5325.



This preview shows how white text looks on a background with the XYZ color 59.4026, 44.4128,

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

59.4026, 44.4128, 82.5325

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

45.6957, 44.6964, 79.6176



Tritanopia

51.6958, 44.4511, 44.8850

Trichromacy



Original Color
59.4026, 44.4128, 82.5325



Protanomaly
49.7721, 43.6929, 93.8060



Deuteranomaly
49.7304, 43.9609, 80.7271



Tritanomaly
54.0921, 44.1607, 56.7118

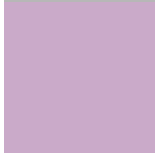
Monochromacy



Original Color
59.4026, 44.4128, 82.5325



Achromatopsia
45.0092, 47.3531, 51.5676



Achromatomaly
49.2745, 45.5231, 61.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4026, 44.4128, 82.5325 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(235, 147, 233) looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 233)  
}
```

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(235, 147, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.4026, 44.4128, 82.5325 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(235, 147, 233) }
```


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

```
.border{ border-color:rgb(235, 147, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 147, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4026, 44.4128, 82.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 233) }
```

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

```
.background{ background-color: rgb(235,  
147, 233) }
```

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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