

Converting Colors

XYZ(59.1087, 44.7260, 82.6852)

Have a look what the booklet for
XYZ(59.1087, 44.7260, 82.6852)
contains.

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Color

**XYZ(59.0597, 44.7017,
82.6063)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E995E9 |
| RGB | 233, 149, 233 |
| RGB Percent | 91%, 58%, 91% |
| CMY | 0.0863, 0.4157, 0.0863 |
| CMYK | 0.00, 0.36, 0.00, 0.09 |
| HSL | 300°, 66%, 75% |
| HSV | 300°, 36%, 91% |
| XYZ | 59.0597, 44.7017, 82.6063 |
| YIQ | 183.6920, 23.1000, 43.9320 |

Conversions

Conversions Part 2

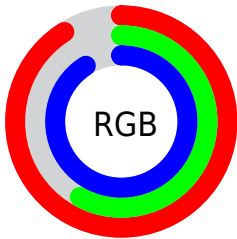
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 149, 233 |
| Decimal | 15308265 |
| CIE Lab | 72.70, 44.36, -29.49 |
| CIE LCh | 73, 53.266, 326.387 |
| Yxy | 44.7017, 0.3169, 0.2399 |
| Android (android.graphics.Color) | 4293498345 (0xFFE995E9) |
| YUV | 183.6920, 24.3088, 43.2431 |
| Hunter-Lab | 66.8593, 40.6728, -26.4527 |

Details

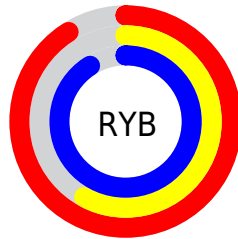
The XYZ color **59.0597, 44.7017, 82.6063** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.9600, 66.8389, 38.8624**, and the grayscale version is **45.2528, 47.6094, 51.8467**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **30.0232, 20.7702, 44.0216** is the 20% darker color. If you saturate the color by 10%, you get **55.7361, 38.0535, 81.4987**, and if you desaturate by 10%, it is **63.1236, 52.8286, 83.9615**.

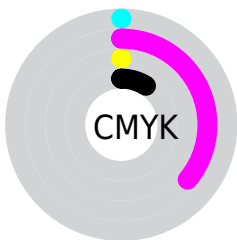
Distribution



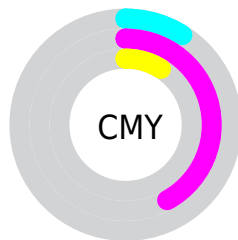
- Red (91%)
- Green (58%)
- Blue (91%)



- Red (91%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0597, 44.7017, 82.6063 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 59.0597, 44.7017, 82.6063 by changing the saturation by 10% instead.

59.0597, 44.7017,
82.6063

59.0597, 44.7017,
82.6063

411.0136,
365.5641, 523.6101

42.9077, 31.2225,
61.3267

102.5786, 82.2726,
138.8682

30.0069, 20.7684,
44.0566

130.6762,
107.1331, 174.6876

19.9920, 12.9548,
30.3775

163.4864,
136.5562, 216.1907

12.4974, 7.3974,
19.8708

201.3745,
170.9263, 263.7960

7.1580, 3.7119,
12.1180

244.7059,
210.6277, 317.9220

3.6083, 1.5137,
6.7006

293.8460,

1.4830, 0.2984,

256.0449, 378.9873

3.2000

349.1601,
307.5622, 447.4105

■ 0.3142, 0.0000,
1.1976

■ 0.0000, 0.0000,
0.0000

■ 59.0597, 44.7017,
82.6063

■ 59.0597, 44.7017,
82.6063

■ 55.7361, 38.0535,
81.4987

■ 63.1236, 52.8286,
83.9615

■ 53.1041, 32.7896,
80.6213


■ 67.9640, 62.5093,
85.5751


■ 51.1163, 28.8142,
79.9586


■ 73.6199, 73.8210,
87.4606


■ 49.7175, 26.0165,
79.4921


■ 80.1264, 86.8340,
89.6296


 48.8430, 24.2675,
79.2005


 84.0730, 94.7272,
90.9452


 48.4126, 23.4069,
79.0569

 84.0731, 94.7272,
90.9454

 48.3127, 23.2071,
79.0235

 84.0731, 94.7272,
90.9455

 84.0731, 94.7272,
90.9457

 84.0732, 94.7272,
90.9458

Harmonies

Analogous

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



50.8791, 44.7017, 109.9296



59.0597, 44.7017, 82.6063



62.7901, 44.7017, 51.9488

Triad

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



59.0597, 44.7017, 82.6063



43.6167, 44.7017, 13.5137



28.4818, 44.7017, 74.9562

Complementary

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



59.0597, 44.7017, 82.6063



46.9600, 66.8389, 38.8624

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.



27.1141, 44.7017, 45.5371



59.0597, 44.7017, 82.6063



35.0736, 44.7017, 15.8487

Square

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



59.0597, 44.7017, 82.6063



53.0966, 44.7017, 17.4147



29.3477, 44.7017, 25.5970



33.3952, 44.7017, 104.5037

Rectangle

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



59.0597, 44.7017, 82.6063



61.9042, 44.7017, 35.6876



29.3477, 44.7017, 25.5970



27.6258, 44.7017, 64.4775

Sweetspot

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



59.0612, 44.7037, 82.6072



86.7454, 83.3908, 106.1316



37.8518, 33.7699, 81.6152



18.3667, 17.4484, 22.6497



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.



59.0612, 44.7037, 82.6072



69.4688, 48.8379, 100.3722



53.7574, 42.5822, 54.6780



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8390



2.1526, 1.0340, 3.5209

Inverse Universe

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



59.0612, 44.7037, 82.6072



69.4688, 48.8379, 100.3722



50.9391, 68.4305, 59.8158



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8390



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 59.0597, 44.7017, 82.6063 looks on a white background.

Color Contrast Check

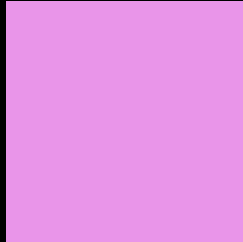
Large Text (above 18pt) WCAG AA × Fail

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 59.0597, 44.7017, 82.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

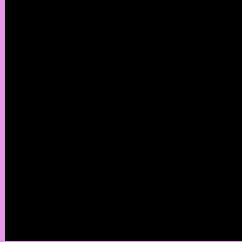
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0597, 44.7017, 82.6063

Background



This preview shows how black text looks on a background with the XYZ color 59.0597, 44.7017, 82.6063.



This preview shows how white text looks on a background with the XYZ color 59.0597, 44.7017,

82.6063.

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

59.0597, 44.7017, 82.6063

Protanopia

46.7412, 45.0764, 100.0030

Deuteranopia

45.9111, 44.8074, 79.6277



Tritanopia

51.4362, 44.5533, 45.9331

Trichromacy



Original Color

59.0597, 44.7017, 82.6063



Protanomaly

49.7992, 43.9935, 93.0557



Deuteranomaly

49.9115, 44.3231, 80.7875



Tritanomaly

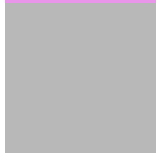
53.9022, 44.5481, 57.3874

Monochromacy



Original Color

59.0597, 44.7017, 82.6063



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.5807, 45.9466, 62.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0597, 44.7017, 82.6063 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, 149, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 149, 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(233, 149, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 149, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.0597, 44.7017, 82.6063 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, 149, 233) }
```


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

```
.border{ border-color:rgb(233, 149, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 149, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 149, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 149, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 149,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0597, 44.7017, 82.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 149, 233) }
```

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

```
.background{ background-color: rgb(233,  
149, 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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