

Converting Colors

XYZ(59.3278, 48.2781, 85.9649)

Have a look what the booklet for
XYZ(59.3278, 48.2781, 85.9649)
contains.

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Color

**XYZ(59.4346, 48.3164,
86.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A3ED
RGB	225, 163, 237
RGB Percent	88%, 64%, 93%
CMY	0.1176, 0.3608, 0.0706
CMYK	0.05, 0.31, 0.00, 0.07
HSL	290°, 67%, 78%
HSV	290°, 31%, 93%
XYZ	59.4346, 48.3164, 86.3142
YIQ	189.9740, 13.1980, 36.1580

Conversions

Conversions Part 2

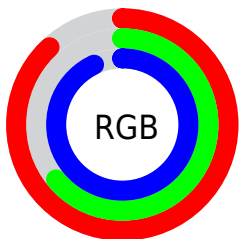
Format	Color
RYB	225, 163, 237
Decimal	14787565
CIELab	75.02, 35.22, -28.16
CIELCh	75, 45.095, 321.356
Yxy	48.3164, 0.3063, 0.2490
Android (android.graphics.Color)	4292977645 (0xFFE1A3ED)
YUV	189.9740, 23.1838, 30.7178
Hunter-Lab	69.5100, 30.9841, -24.9665

Details

The XYZ color **59.4346, 48.3164, 86.3142** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.5759, 72.3279, 45.7369**, and the grayscale version is **48.7954, 51.3366, 55.9056**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.2786, 22.9231, 46.5448** is the 20% darker color. If you saturate the color by 10%, you get **54.4301, 40.0652, 84.9860**, and if you desaturate by 10%, it is **65.2577, 58.1627, 87.9085**.

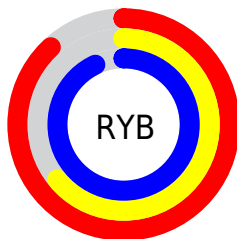
Distribution



Red (88%)

Green (64%)

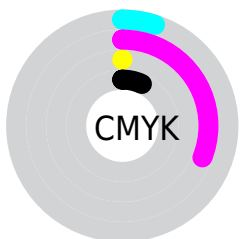
Blue (93%)



Red (88%)

Yellow (64%)

Blue (93%)

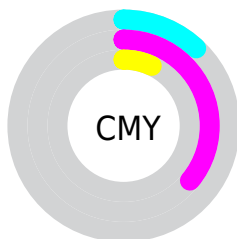


Cyan (5%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (12%)


Magenta (36%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4346, 48.3164, 86.3142 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 59.4346, 48.3164, 86.3142 by changing the saturation by 10% instead.

 59.4346, 48.3164,
86.3142


 59.4346, 48.3164,
86.3142


412.3788,
380.0449, 536.2243

 43.2108, 34.0775,
64.3714

 103.1201, 87.6753,
144.0983

 30.2458, 22.9532,
46.5035


 131.3124,
113.5641, 180.7767

 20.1742, 14.5589,
32.2918

164.2250,
144.1050, 223.2041

 12.6307, 8.5104,
21.3178

202.2232,
179.6824, 271.7989

 7.2500, 4.4233,
13.1630

245.6723,
220.6807, 326.9798

 3.6667, 1.9130,
7.4088

294.9377,

 1.5153, 0.5562,

267.4843, 389.1653

3.6368

350.3847,
320.4776, 458.7740

■ 0.3362, 0.0000,
1.4283

■ 0.0000, 0.0000,
0.1636

■ 59.4346, 48.3164,
86.3142

■ 59.4346, 48.3164,
86.3142

■ 54.4301, 40.0652,
84.9860

■ 65.2577, 58.1627,
87.9085

■ 50.1952, 33.3144,
83.9062

■ 71.9355, 69.6792,
89.7795

■ 46.6828, 27.9691,
83.0596

■ 79.5078, 82.9441,
91.9408

■ 43.8385, 23.9208,
82.4281

■ 87.1087, 96.2254,
94.1037

41.5999, 21.0448,
81.9910

88.4300, 96.9066,
94.1655

39.8923, 19.1922,
81.7234

89.7792, 97.6021,
94.2287

38.7251, 18.1977,
81.5929

91.1564, 98.3120,
94.2931

92.2862, 98.8945,
94.3460

Harmonies

Analogous

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



51.9346, 48.3164, 107.1558



59.4346, 48.3164, 86.3142



63.4247, 48.3164, 59.7226

Triad

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



59.4346, 48.3164, 86.3142



48.3445, 48.3164, 19.3040



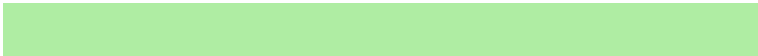
32.6980, 48.3164, 70.9117

Complementary

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



59.4346, 48.3164, 86.3142



54.5759, 72.3279, 45.7369

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.



31.9797, 48.3164, 46.0827



59.4346, 48.3164, 86.3142



40.3947, 48.3164, 20.6669

Square

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



59.4346, 48.3164, 86.3142



56.5386, 48.3164, 24.5425



34.6325, 48.3164, 29.0660



36.7275, 48.3164, 96.5729

Rectangle

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



59.4346, 48.3164, 86.3142



63.2634, 48.3164, 44.1742



34.6325, 48.3164, 29.0660



32.0821, 48.3164, 62.0530

Sweetspot

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



59.4362, 48.3185, 86.3152



86.8047, 85.5224, 106.5401



45.7873, 44.6931, 86.3349



18.3121, 17.8389, 22.7280



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.



59.4362, 48.3185, 86.3152



66.5673, 51.0604, 100.9549



59.9495, 48.9713, 68.8023



15.4611, 15.1830, 19.0380



21.2367, 9.9839, 44.5507



1.7316, 0.8170, 3.5013

Inverse Universe

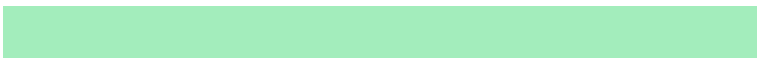
The Inverse Universe completely reimagines the original color for something new.



55.7617, 47.2962, 46.7497



61.7553, 49.7602, 47.3981



54.4313, 71.9726, 58.4141



15.1651, 15.0939, 16.1546



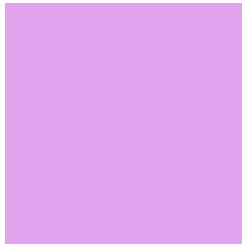
19.2940, 9.9203, 2.0837



1.5449, 0.7909, 0.3206

Previews

White Background



This preview shows how the XYZ color 59.4346, 48.3164, 86.3142 looks on a white background.

Color Contrast Check

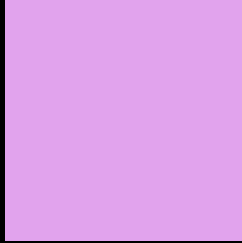
Large Text (above 18pt) WCAG AA × Fail

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 59.4346, 48.3164, 86.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

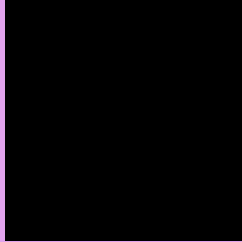
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4346, 48.3164, 86.3142

Background



This preview shows how black text looks on a background with the XYZ color 59.4346, 48.3164, 86.3142.



This preview shows how white text looks on a background with the XYZ color 59.4346, 48.3164,

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

59.4346, 48.3164, 86.3142

Protanopia

50.0212, 48.8946, 98.8967

Deuteranopia

49.5920, 48.3959, 83.8184



Tritanopia

52.7199, 48.3377, 53.0058

Trichromacy



Original Color

59.4346, 48.3164, 86.3142



Protanomaly

52.8074, 48.3309, 94.5412



Deuteranomaly

52.4930, 47.8147, 84.3044



Tritanomaly

55.0262, 48.1559, 64.1524

Monochromacy



Original Color

59.4346, 48.3164, 86.3142



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2123, 49.8440, 65.9005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4346, 48.3164, 86.3142 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(225, 163, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 163, 237)  
}
```

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(225, 163, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.4346, 48.3164, 86.3142 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(225, 163, 237) }
```


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

```
.border{ border-color:rgb(225, 163, 237) }
```

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

Here you see how a box with a 4 pixel rgb(225, 163, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 163, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 163, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 163,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4346, 48.3164, 86.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 163, 237) }
```

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

```
.background{ background-color: rgb(225,  
163, 237) }
```

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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