

Converting Colors

XYZ(57.2592, 47.7691, 84.4246)

Have a look what the booklet for
XYZ(57.2592, 47.7691, 84.4246)
contains.

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Color

**XYZ(57.3640, 47.8139,
84.8028)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DAA5EB |
| RGB | 218, 165, 235 |
| RGB Percent | 85%, 65%, 92% |
| CMY | 0.1451, 0.3529, 0.0784 |
| CMYK | 0.07, 0.30, 0.00, 0.08 |
| HSL | 285°, 64%, 78% |
| HSV | 285°, 30%, 92% |
| XYZ | 57.3640, 47.8139, 84.8028 |
| YIQ | 188.8270, 9.1180, 33.0060 |

Conversions

Conversions Part 2

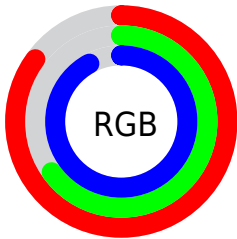
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 165, 235 |
| Decimal | 14329323 |
| CIE Lab | 74.71, 31.56, -27.62 |
| CIE LCh | 75, 41.941, 318.811 |
| Yxy | 47.8139, 0.3019, 0.2517 |
| Android (android.graphics.Color) | 4292519403 (0xFFDAA5EB) |
| YUV | 188.8270, 22.7633, 25.5847 |
| Hunter-Lab | 69.1476, 27.0731, -24.3101 |

Details

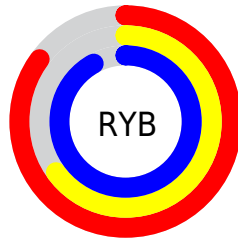
The XYZ color **57.3640, 47.8139, 84.8028** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7929, 72.0795, 46.5718**, and the grayscale version is **48.1428, 50.6500, 55.1578**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **28.8311, 22.5244, 45.4759** is the 20% darker color. If you saturate the color by 10%, you get **51.8314, 39.2381, 83.4398**, and if you desaturate by 10%, it is **63.7372, 57.9816, 86.4302**.

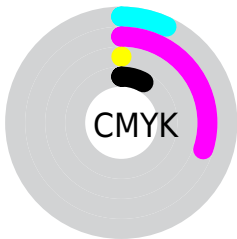
Distribution



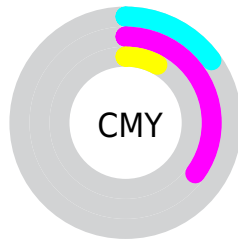
- Red (85%)
- Green (65%)
- Blue (92%)



- Red (85%)
- Yellow (65%)
- Blue (92%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)





- Cyan (15%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3640, 47.8139, 84.8028 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 57.3640, 47.8139, 84.8028 by changing the saturation by 10% instead.


 57.3640, 47.8139,
84.8028


 57.3640, 47.8139,
84.8028


404.8040,
378.0540, 531.1029

 41.5388, 33.6795,
63.1292

 100.1244, 86.9273,
141.9693

 28.9299, 22.6475,
45.5041

 127.7904,
112.6750, 178.2994

 19.1718, 14.3335,
31.5088


160.1340,
143.0627, 220.3520

 11.8992, 8.3530,
20.7249

197.5206,
178.4748, 268.5458

 6.7468, 4.3216,
12.7338

240.3155,
219.2955, 323.2992

 3.3492, 1.8550,
7.1169

288.8842,

 1.3410, 0.5211,

265.9094, 385.0309

3.4558

343.5919,
318.7007, 454.1592

■ 0.2136, 0.0000,
1.3318

■ 0.0000, 0.0000,
0.0876

■ 57.3640, 47.8139,
84.8028

■ 57.3640, 47.8139,
84.8028

■ 51.8314, 39.2381,
83.4398

■ 63.7372, 57.9816,
86.4302

■ 47.0916, 32.1622,
82.3239

■ 70.9863, 69.8142,
88.3320

■ 43.0985, 26.4946,
81.4404

■ 79.1504, 83.3877,
90.5217

■ 39.7995, 22.1305,
80.7719

■ 86.9733, 96.1892,
92.5803

■ 37.1344, 18.9503,
80.2985

■ 88.9504, 97.2084,
92.6728

■ 35.0317, 16.8123,
79.9966

■ 90.9891, 98.2594,
92.7683

■ 33.3730, 15.4803,
79.8270

■ 91.9955, 98.7782,
92.8154

■ 33.3394, 15.4548,
79.8238

Harmonies

Analogous

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



50.3264, 47.8139, 102.6257



57.3640, 47.8139, 84.8028



61.3555, 47.8139, 60.6193

Triad

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



57.3640, 47.8139, 84.8028



48.3431, 47.8139, 20.8340



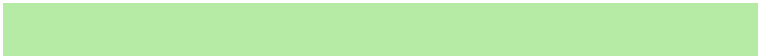
32.9599, 47.8139, 66.7684

Complementary

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



57.3640, 47.8139, 84.8028



55.7929, 72.0795, 46.5718

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.



32.5554, 47.8139, 44.3491



57.3640, 47.8139, 84.8028



40.8911, 47.8139, 21.6264

Square

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



57.3640, 47.8139, 84.8028



55.7734, 47.8139, 26.4743



35.3043, 47.8139, 29.0625



36.4787, 47.8139, 90.3706

Rectangle

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



57.3640, 47.8139, 84.8028



61.4844, 47.8139, 45.9055



35.3043, 47.8139, 29.0625



32.4711, 47.8139, 58.7440

Sweetspot

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



57.3655, 47.8159, 84.8038



86.1398, 85.1796, 106.5090



47.3449, 47.6607, 85.3020



18.1475, 17.7540, 22.7203



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.



57.3655, 47.8159, 84.8038



64.6910, 50.7596, 100.9957



60.3070, 49.6102, 72.3856



15.3367, 15.1188, 19.0321



18.6754, 8.6635, 44.4309



1.5517, 0.7242, 3.4929

Inverse Universe

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



56.1611, 47.9519, 50.5537



63.1820, 51.0492, 52.6964



53.7223, 70.8153, 55.3667



15.2154, 15.1140, 16.4198



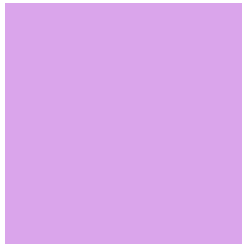
19.5218, 10.0114, 3.2833



1.5700, 0.8009, 0.4528

Previews

White Background



This preview shows how the XYZ color 57.3640, 47.8139, 84.8028 looks on a white background.

Color Contrast Check

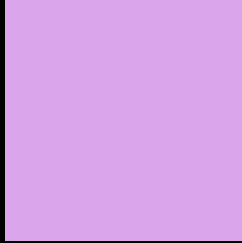
Large Text (above 18pt) WCAG AA × Fail

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 57.3640, 47.8139, 84.8028 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 57.3640, 47.8139, 84.8028

Background



This preview shows how black text looks on a background with the XYZ color 57.3640, 47.8139, 84.8028.



This preview shows how white text looks on a background with the XYZ color 57.3640, 47.8139,

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

57.3640, 47.8139, 84.8028

Protanopia

49.0335, 48.1706, 94.7092

Deuteranopia

49.2208, 48.2211, 83.0573



Tritanopia

51.0771, 47.7518, 54.1019

Trichromacy



Original Color

57.3640, 47.8139, 84.8028



Protanomaly

51.4702, 47.7121, 91.2906



Deuteranomaly

51.7762, 47.7496, 83.5785



Tritanomaly

53.3139, 47.8297, 64.1797

Monochromacy



Original Color

57.3640, 47.8139, 84.8028



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.2813, 49.3781, 65.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3640, 47.8139, 84.8028 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(218, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 235)  
}
```

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(218, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 235) }
```

Border

The CSS property to change the border of an element to XYZ 57.3640, 47.8139, 84.8028 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(218, 165, 235) }
```


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

```
.border{ border-color:rgb(218, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3640, 47.8139, 84.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 235) }
```

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

```
.background{ background-color: rgb(218,  
165, 235) }
```

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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