

Converting Colors

XYZ(57.0814, 44.2724, 85.7726)

Have a look what the booklet for
XYZ(57.0814, 44.2724, 85.7726)
contains.

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Color

**XYZ(56.9457, 44.2589,
85.6622)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF98ED |
| RGB | 223, 152, 237 |
| RGB Percent | 87%, 60%, 93% |
| CMY | 0.1255, 0.4039, 0.0706 |
| CMYK | 0.06, 0.36, 0.00, 0.07 |
| HSL | 290°, 70%, 76% |
| HSV | 290°, 36%, 93% |
| XYZ | 56.9457, 44.2589, 85.6622 |
| YIQ | 182.9190, 15.0310, 41.4870 |

Conversions

Conversions Part 2

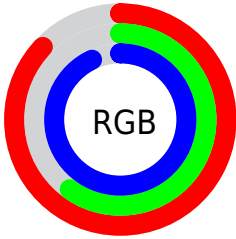
| Format | Color |
|-------------------------------------|--|
| RYB | 223, 152, 237 |
| Decimal | 14653677 |
| CIELab | 72.40, 40.47, -32.22 |
| CIElCh | 72, 51.730, 321.481 |
| Yxy | 44.2589, 0.3047, 0.2368 |
| Android (android.graphics.Color) | 4292843757 (0xFFDF98ED) |
| YUV | 182.9190, 26.6619, 35.1510 |
| Hunter-Lab | 66.5274, 36.3685, -29.7740 |

Details

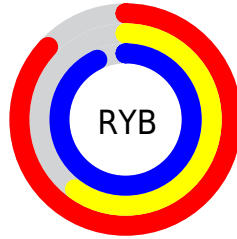
The XYZ color **56.9457, 44.2589, 85.6622** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **51.6791, 70.9435, 40.6776**, and the grayscale version is **44.8194, 47.1535, 51.3502**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **28.7387, 20.4754, 46.1535** is the 20% darker color. If you saturate the color by 10%, you get **52.2881, 36.7078, 84.4508**, and if you desaturate by 10%, it is **62.4024, 53.3651, 87.1329**.

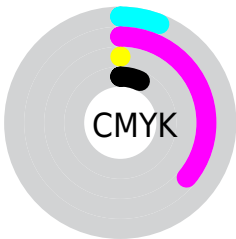
Distribution



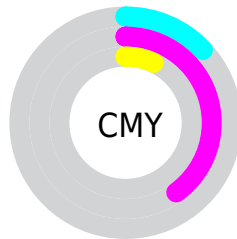
- Red (87%)
- Green (60%)
- Blue (93%)



- Red (87%)
- Yellow (60%)
- Blue (93%)



- Cyan (6%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9457, 44.2589, 85.6622 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 56.9457, 44.2589, 85.6622 by changing the saturation by 10% instead.

56.9457, 44.2589,
85.6622

56.9457, 44.2589,
85.6622

403.2633,
363.7637, 534.0183

41.2016, 30.8741,
63.8354

99.5178, 81.6072,
143.1804

28.6650, 20.5030,
46.0720

127.0765,
106.3395, 179.7088

18.9706, 12.7612,
31.9536

159.3041,
135.6230, 221.9749

11.7529, 7.2643,
21.0615

196.5660,
169.8422, 270.3971

6.6466, 3.6279,
12.9773

239.2275,
209.3815, 325.3940

3.2865, 1.4677,
7.2824

287.6539,

1.3070, 0.2658,

254.6253, 387.3841

3.5582

342.2108,
305.9579, 456.7861

■ 0.1885, 0.0000,
1.3862

■ 0.0000, 0.0000,
0.1310

■ 56.9457, 44.2589,
85.6622

■ 56.9457, 44.2589,
85.6622

■ 52.2881, 36.7078,
84.4508

■ 62.4024, 53.3651,
87.1329

■ 48.3791, 30.6139,
83.4806

■ 68.6962, 64.1051,
88.8743

■ 45.1690, 25.8771,
82.7355

■ 75.8680, 76.5593,
90.9002

■ 42.6000, 22.3823,
82.1964

■ 83.9544, 90.8009,
93.2229

40.6048, 19.9950,
81.8407

87.8426, 96.6037,
94.1380

39.1002, 18.5490,
81.6409

89.2007, 97.3038,
94.2015

38.5659, 18.1156,
81.5854

90.5875, 98.0188,
94.2665

92.0034, 98.7487,
94.3327

92.2862, 98.8945,
94.3459

Harmonies

Analogous

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



48.6577, 44.2589, 109.7874



56.9457, 44.2589, 85.6622



61.3872, 44.2589, 55.8308

Triad

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



56.9457, 44.2589, 85.6622



44.6562, 44.2589, 14.1302



28.0532, 44.2589, 68.4840

Complementary

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



56.9457, 44.2589, 85.6622



51.6791, 70.9435, 40.6776

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.



27.2961, 44.2589, 41.2810



56.9457, 44.2589, 85.6622



36.0996, 44.2589, 15.4336

Square

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



56.9457, 44.2589, 85.6622



53.6642, 44.2589, 19.0923



30.0355, 44.2589, 23.6365



32.2736, 44.2589, 97.6771

Rectangle

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



56.9457, 44.2589, 85.6622



61.1896, 44.2589, 39.0690



30.0355, 44.2589, 23.6365



27.4115, 44.2589, 58.6314

Sweetspot

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



56.9472, 44.2608, 85.6632



85.0661, 82.5251, 106.0532



41.9033, 40.1250, 85.6578



17.9636, 17.2406, 22.6309



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.



56.9472, 44.2608, 85.6632



63.1340, 45.5722, 100.0765



57.6220, 45.0498, 65.7654



15.4571, 15.1809, 19.0378



21.1509, 9.9396, 44.5467



1.7257, 0.8139, 3.5010

Inverse Universe

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



53.0377, 43.2161, 41.6245



58.0666, 44.2770, 40.3290



51.5069, 70.5538, 54.2637



15.1667, 15.0945, 16.1630



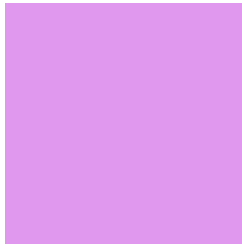
19.2998, 9.9226, 2.1143



1.5456, 0.7912, 0.3245

Previews

White Background



This preview shows how the XYZ color 56.9457, 44.2589, 85.6622 looks on a white background.

Color Contrast Check

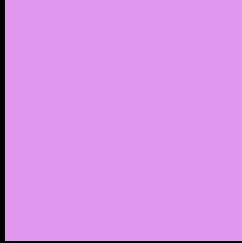
Large Text (above 18pt) WCAG AA × Fail

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 56.9457, 44.2589, 85.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

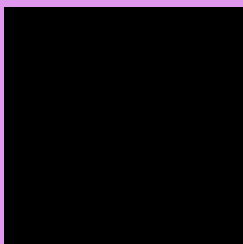
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9457, 44.2589, 85.6622

Background



This preview shows how black text looks on a background with the XYZ color 56.9457, 44.2589, 85.6622.



This preview shows how white text looks on a background with the XYZ color 56.9457, 44.2589,

85.6622.

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

56.9457, 44.2589, 85.6622

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.7638, 44.6501, 83.2971



Tritanopia

49.2356, 44.1723, 47.5261

Trichromacy



Original Color

56.9457, 44.2589, 85.6622



Protanomaly

49.1221, 43.8797, 94.6876



Deuteranomaly

49.1635, 44.1427, 83.7711



Tritanomaly

51.7931, 44.1706, 59.8288

Monochromacy



Original Color

56.9457, 44.2589, 85.6622



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.8207, 45.8226, 62.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9457, 44.2589, 85.6622 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(223, 152, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 152, 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(223, 152, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 152, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.9457, 44.2589, 85.6622 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(223, 152, 237) }
```


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

```
.border{ border-color:rgb(223, 152, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 152, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 152, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 152, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 152,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9457, 44.2589, 85.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 152, 237) }
```

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

```
.background{ background-color: rgb(223,  
152, 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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