

Converting Colors

XYZ(57.3997, 44.7697, 81.9564)

Have a look what the booklet for
XYZ(57.3997, 44.7697, 81.9564)
contains.

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Color

**XYZ(57.3208, 44.7774,
81.9657)**

Conversions

Conversions Part 1

Format	Color
Hex	E299E8
RGB	226, 153, 232
RGB Percent	89%, 60%, 91%
CMY	0.1137, 0.4000, 0.0902
CMYK	0.03, 0.34, 0.00, 0.09
HSL	295°, 63%, 75%
HSV	295°, 34%, 91%
XYZ	57.3208, 44.7774, 81.9657
YIQ	183.8330, 18.1490, 40.0450

Conversions

Conversions Part 2

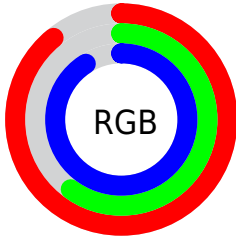
Format	Color
R _Y B	226, 153, 232
Decimal	14850536
CIE Lab	72.75, 39.91, -28.93
CIE LCh	73, 49.295, 324.067
Yxy	44.7774, 0.3114, 0.2433
Android (android.graphics.Color)	4293040616 (0xFFE299E8)
YUV	183.8330, 23.7463, 36.9805
Hunter-Lab	66.9159, 35.8019, -25.7835

Details

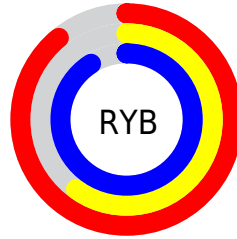
The XYZ color **57.3208, 44.7774, 81.9657** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **48.9059, 67.3851, 40.5681**, and the grayscale version is **45.3353, 47.6962, 51.9412**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **28.7558, 20.6839, 43.5511** is the 20% darker color. If you saturate the color by 10%, you get **53.3372, 37.6253, 80.7958**, and if you desaturate by 10%, it is **62.0512, 53.4127, 83.3838**.

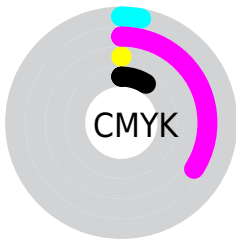
Distribution



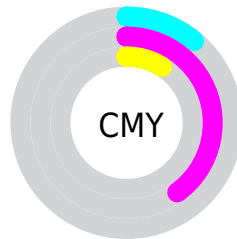
- Red (89%)
- Green (60%)
- Blue (91%)



- Red (89%)
- Yellow (60%)
- Blue (91%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)





- Cyan (11%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3208, 44.7774, 81.9657 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 57.3208, 44.7774, 81.9657 by changing the saturation by 10% instead.


 57.3208, 44.7774,
81.9657


 57.3208, 44.7774,
81.9657


404.6451,
365.8713, 521.4134

 41.5040, 31.2821,
60.8016

 100.0618, 82.3863,
137.9621

 28.9025, 20.8138,
43.6356


 127.7167,
107.2687, 173.6316

 19.1510, 12.9879,
30.0490


160.0483,
136.7156, 214.9732

 11.8841, 7.4202,
19.6234

197.4221,
171.1113, 262.4056

 6.7364, 3.7263,
11.9403

240.2032,
210.8404, 316.3473

 3.3427, 1.5217,
6.5810

288.7572,

 1.3375, 0.3039,

256.2872, 377.2168

3.1270

343.4494,
307.8360, 445.4326

■ 0.2110, 0.0000,
1.1598

■ 0.0000, 0.0000,
0.0000

■ 57.3208, 44.7774,
81.9657

■ 57.3208, 44.7774,
81.9657

■ 53.3372, 37.6253,
80.7958

■ 62.0512, 53.4127,
83.3838

■ 50.0531, 31.8646,
79.8570

■ 67.5634, 63.6043,
85.0605

■ 47.4224, 27.4025,
79.1344

■ 73.8957, 75.4276,
87.0089

■ 45.3919, 24.1324,
78.6102

■ 81.0825, 88.9513,
89.2404

43.8999, 21.9309,
78.2639

84.5242, 94.9763,
90.2219

42.8711, 20.6475,
78.0704

85.1082, 95.2773,
90.2493

42.4090, 20.1800,
78.0045

85.6980, 95.5814,
90.2769

86.2936, 95.8884,
90.3047

86.8950, 96.1984,
90.3329

Harmonies

Analogous

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



49.6284, 44.7774, 105.6786



57.3208, 44.7774, 81.9657



61.1126, 44.7774, 53.7896

Triad

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



57.3208, 44.7774, 81.9657



44.2830, 44.7774, 15.3000



29.2346, 44.7774, 70.6072

Complementary

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



57.3208, 44.7774, 81.9657



48.9059, 67.3851, 40.5681

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.



28.2020, 44.7774, 44.0447



57.3208, 44.7774, 81.9657



36.1961, 44.7774, 17.1447

Square

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



57.3208, 44.7774, 81.9657



52.9639, 44.7774, 19.6876



30.5787, 44.7774, 26.0005



33.6157, 44.7774, 97.7290

Rectangle

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



57.3208, 44.7774, 81.9657



60.5982, 44.7774, 38.1749



30.5787, 44.7774, 26.0005



28.5112, 44.7774, 61.1288

Sweetspot

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



57.3223, 44.7794, 81.9667



86.7390, 84.4303, 106.3328



40.2029, 37.5980, 81.4828



18.3338, 17.6393, 22.6884



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.



57.3223, 44.7794, 81.9667



67.4074, 48.9617, 100.5055



54.9898, 44.0675, 59.6927



14.8814, 14.5566, 18.1697



23.5917, 11.2279, 43.3069



1.7757, 0.8464, 3.2017

Inverse Universe

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



50.9294, 42.4433, 38.3108



58.4235, 45.6987, 38.2653



50.8491, 68.0283, 56.8605



14.4212, 14.3857, 15.1524



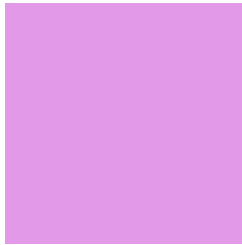
18.5513, 9.5547, 1.2663



1.3865, 0.7123, 0.1756

Previews

White Background



This preview shows how the XYZ color 57.3208, 44.7774, 81.9657 looks on a white background.

Color Contrast Check

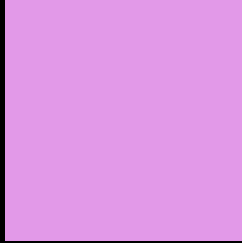
Large Text (above 18pt) WCAG AA × Fail

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 57.3208, 44.7774, 81.9657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

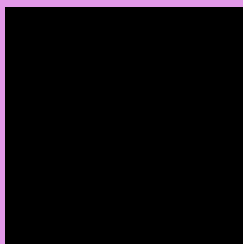
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3208, 44.7774, 81.9657

Background



This preview shows how black text looks on a background with the XYZ color 57.3208, 44.7774, 81.9657.



This preview shows how white text looks on a background with the XYZ color 57.3208, 44.7774,

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

57.3208, 44.7774, 81.9657

Protanopia

46.6853, 45.1209, 96.6911

Deuteranopia

46.3235, 45.3100, 79.7030



Tritanopia

50.1247, 44.6307, 47.5677

Trichromacy



Original Color

57.3208, 44.7774, 81.9657



Protanomaly

49.4717, 44.4214, 90.7608



Deuteranomaly

49.6313, 44.7388, 80.1483



Tritanomaly

52.4676, 44.5450, 58.6560

Monochromacy



Original Color

57.3208, 44.7774, 81.9657



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.0394, 46.2463, 61.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3208, 44.7774, 81.9657 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(226, 153, 232)` looks like.

```
.text, #text, p{  
    color:rgb(226, 153, 232)  
}
```

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(226, 153, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 153, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.3208, 44.7774, 81.9657 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(226, 153, 232) }
```


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

```
.border{ border-color:rgb(226, 153, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 153, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 153, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 153, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 153,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3208, 44.7774, 81.9657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 153, 232) }
```

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

```
.background{ background-color: rgb(226,  
153, 232) }
```

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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