

Converting Colors

XYZ(57.0883, 41.6984, 92.2015)

Have a look what the booklet for
XYZ(57.0883, 41.6984, 92.2015)
contains.

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Color

**XYZ(57.2108, 41.7111,
92.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	E18DF6
RGB	225, 141, 246
RGB Percent	88%, 55%, 96%
CMY	0.1176, 0.4470, 0.0353
CMYK	0.09, 0.43, 0.00, 0.04
HSL	288°, 85%, 76%
HSV	288°, 43%, 96%
XYZ	57.2108, 41.7111, 92.2245
YIQ	178.0860, 16.3590, 50.4630

Conversions

Conversions Part 2

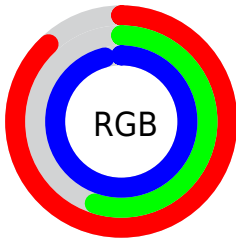
Format	Color
R _Y B	225, 141, 246
Decimal	14781942
CIE Lab	70.67, 48.58, -39.80
CIE LCh	71, 62.802, 320.677
Yxy	41.7111, 0.2993, 0.2182
Android (android.graphics.Color)	4292972022 (0xFFE18DF6)
YUV	178.0860, 33.4816, 41.1436
Hunter-Lab	64.5841, 45.0991, -39.4557

Details

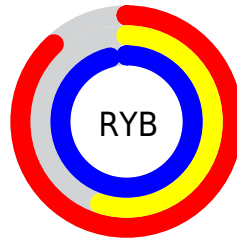
The XYZ color **57.2108, 41.7111, 92.2245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.6650, 75.5170, 37.0016**, and the grayscale version is **42.1861, 44.3831, 48.3332**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **28.8235, 18.9784, 50.2881** is the 20% darker color. If you saturate the color by 10%, you get **52.4669, 34.4666, 91.0768**, and if you desaturate by 10%, it is **62.8073, 50.5929, 93.6445**.

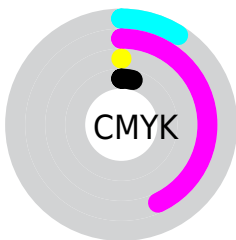
Distribution



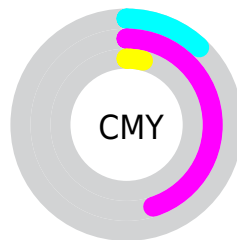
- Red (88%)
- Green (55%)
- Blue (96%)



- Red (88%)
- Yellow (55%)
- Blue (96%)



- Cyan (9%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)




- Cyan (12%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2108, 41.7111, 92.2245 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 57.2108, 41.7111, 92.2245 by changing the saturation by 10% instead.


 57.2108, 41.7111,
92.2245


 57.2108, 41.7111,
92.2245


404.2402,
353.2839, 555.9965

 41.4153, 28.8751,
69.2430

 99.9023, 77.7622,
152.3869

 28.8328, 18.9864,
50.4367


 127.5290,
101.7461, 190.4049

 19.0981, 11.6604,
35.3869


159.8302,
130.2148, 234.2722

 11.8456, 6.5129,
23.6751

197.1711,
163.5527, 284.4073

 6.7101, 3.1594,
14.8828

239.9173,
202.1442, 341.2287

 3.3262, 1.2155,
8.5915

288.4339,

 1.3285, 0.0743,

246.3736, 405.1551

4.3825

343.0864,
296.6254, 476.6048

■ 0.2044, 0.0000,
1.8375

■ 0.0000, 0.0000,
0.4525

■ 57.2108, 41.7111,
92.2245

■ 57.2108, 41.7111,
92.2245

■ 52.4669, 34.4666,
91.0768

■ 62.8073, 50.5929,
93.6445

■ 48.5170, 28.7460,
90.1808

■ 69.3013, 61.2048,
95.3506

■ 45.3015, 24.4298,
89.5172

■ 76.7398, 73.6390,
97.3586

■ 42.7502, 21.3781,
89.0626

■ 85.1651, 87.9795,
99.6825

■ 40.7782, 19.4215,
88.7889

■ 91.6764, 98.4243,
101.3554

■ 39.6088, 18.4975,
88.6722

■ 93.4588, 99.3432,
101.4388

■ 93.6347, 99.4339,
101.4470

Harmonies

Analogous

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



47.1323, 41.7111, 122.8153



57.2108, 41.7111, 92.2245



62.8290, 41.7111, 55.3389

Triad

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



57.2108, 41.7111, 92.2245



42.9733, 41.7111, 9.1055



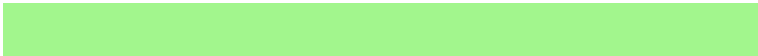
23.7268, 41.7111, 68.7837

Complementary

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



57.2108, 41.7111, 92.2245



52.6650, 75.5170, 37.0016

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.



23.0072, 41.7111, 36.7569



57.2108, 41.7111, 92.2245



32.9961, 41.7111, 10.1472

Square

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



57.2108, 41.7111, 92.2245



53.7130, 41.7111, 13.9606



26.1023, 41.7111, 17.9360



28.2768, 41.7111, 105.6748

Rectangle

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



57.2108, 41.7111, 92.2245



62.7176, 41.7111, 35.6122



26.1023, 41.7111, 17.9360



23.0643, 41.7111, 56.8724

Sweetspot

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



57.2123, 41.7129, 92.2254



82.9742, 79.4071, 105.5616



40.5410, 38.1590, 92.4181



17.3602, 16.3236, 22.4857



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.



57.2123, 41.7129, 92.2254



57.6874, 38.5311, 99.0045



59.7337, 43.5248, 69.2078



16.8700, 16.5911, 20.8558



21.2589, 9.9337, 47.3350



1.9490, 0.9146, 4.1640

Inverse Universe

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



54.0537, 41.2528, 39.2976



54.1499, 38.1476, 33.7700



51.4362, 74.5731, 50.9668



16.6346, 16.5367, 17.8225



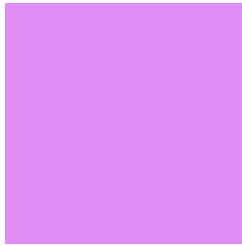
20.6237, 10.5929, 2.7268



1.8477, 0.9450, 0.4242

Previews

White Background



This preview shows how the XYZ color 57.2108, 41.7111, 92.2245 looks on a white background.

Color Contrast Check

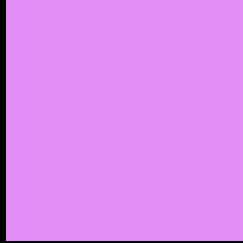
Large Text (above 18pt) WCAG AA × Fail

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 57.2108, 41.7111, 92.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

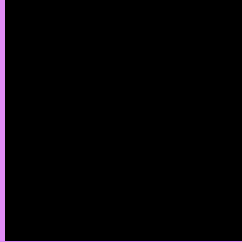
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2108, 41.7111, 92.2245

Background



This preview shows how black text looks on a background with the XYZ color 57.2108, 41.7111, 92.2245.



This preview shows how white text looks on a background with the XYZ color 57.2108, 41.7111,

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

57.2108, 41.7111, 92.2245

Protanopia

44.1145, 42.2751, 100.4426

Deuteranopia

43.0536, 41.9964, 88.2750



Tritanopia

47.2141, 41.6521, 43.5814

Trichromacy



Original Color

57.2108, 41.7111, 92.2245



Protanomaly

47.3751, 41.0541, 97.5228



Deuteranomaly

46.9579, 41.0174, 89.4466



Tritanomaly

50.3347, 41.4391, 58.7717

Monochromacy



Original Color

57.2108, 41.7111, 92.2245



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.7403, 42.8242, 62.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2108, 41.7111, 92.2245 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, 141, 246)` looks like.

```
.text, #text, p{  
    color:rgb(225, 141, 246)  
}
```

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, 141, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 141, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.2108, 41.7111, 92.2245 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, 141, 246) }
```


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

```
.border{ border-color:rgb(225, 141, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 141, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 141, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 141, 246);  
box-shadow:4px 4px 4px 4px rgb(225, 141,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2108, 41.7111, 92.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 141, 246) }
```

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

```
.background{ background-color: rgb(225,  
141, 246) }
```

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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