

Converting Colors

XYZ(68.9260, 57.6863, 91.8281)

Have a look what the booklet for
XYZ(68.9260, 57.6863, 91.8281)
contains.

XYZ(68.7651, 57.5282, 91.4842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.7651, 57.5282,
91.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3F2
RGB	242, 179, 242
RGB Percent	95%, 70%, 95%
CMY	0.0510, 0.2980, 0.0510
CMYK	0.00, 0.26, 0.00, 0.05
HSL	300°, 71%, 83%
HSV	300°, 26%, 95%
XYZ	68.7651, 57.5282, 91.4842
YIQ	205.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

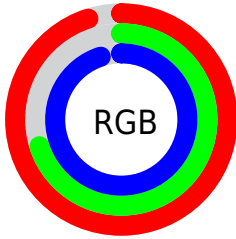
Format	Color
RYB	242, 179, 242
Decimal	15905778
CIELab	80.48, 33.02, -22.39
CIELCh	80, 39.892, 325.864
Yxy	57.5282, 0.3158, 0.2642
Android (android.graphics.Color)	4294095858 (0xFFFF2B3F2)
YUV	205.0190, 18.2316, 32.4323
Hunter-Lab	75.8473, 29.0997, -18.4202

Details

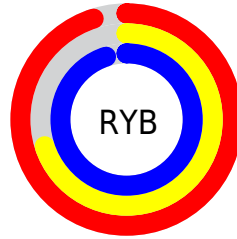
The XYZ color **68.7651, 57.5282, 91.4842** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.4815, 76.3446, 54.3046**, and the grayscale version is **57.9219, 60.9384, 66.3619**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.2041, 28.5267, 50.0524** is the 20% darker color. If you saturate the color by 10%, you get **64.3346, 48.6663, 90.0078**, and if you desaturate by 10%, it is **74.0503, 68.0974, 93.2467**.

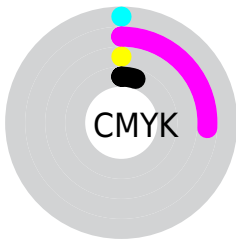
Distribution



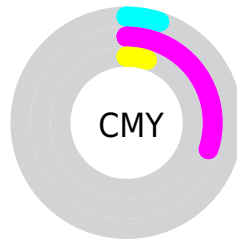
- Red (95%)
- Green (70%)
- Blue (95%)



- Red (95%)
- Yellow (70%)
- Blue (95%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7651, 57.5282, 91.4842 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 68.7651, 57.5282, 91.4842 by changing the saturation by 10% instead.

68.7651, 57.5282,
91.4842

68.7651, 57.5282,
91.4842

445.5364,
415.4256, 553.5414

50.7964, 41.4295,
68.6317

116.4819,
101.2355, 151.3518

36.2670, 28.6548,
49.9419

146.9607,
129.6128, 189.2039

24.8115, 18.8198,
34.9964

182.3402,
162.8518, 232.8930

16.0647, 11.5402,
23.3766

222.9859,
201.3369, 282.8375

9.6611, 6.4314,
14.6639

269.2629,
245.4524, 339.4561

5.2353, 3.1091,
8.4398

321.5368,

2.4222, 1.1890,

295.5828, 403.1672

4.2859

380.1729,
352.1124, 474.3895

■ 0.8562, 0.0527,
1.7834

■ 0.0000, 0.0000,
0.4170

■ 68.7651, 57.5282,
91.4842

■ 68.7651, 57.5282,
91.4842

■ 64.3346, 48.6663,
90.0078

■ 74.0503, 68.0974,
93.2467

■ 60.7090, 41.4151,
88.7991

■ 80.2260, 80.4488,
95.3055

■ 57.8415, 35.6801,
87.8431

■ 87.3326, 94.6619,
97.6746

■ 55.6783, 31.3538,
87.1218

■ 88.4059, 96.8085,
98.0325

54.1588, 28.3149,
86.6151

88.4059, 96.8085,
98.0327

53.2120, 26.4212,
86.2993

88.4060, 96.8085,
98.0329

52.7497, 25.4968,
86.1451

88.4060, 96.8085,
98.0331

52.6455, 25.2883,
86.1102

88.4061, 96.8086,
98.0333

88.4061, 96.8086,
98.0335

Harmonies

Analogous

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



61.8346, 57.5282, 112.5716



68.7651, 57.5282, 91.4842



71.9233, 57.5282, 65.9455

Triad

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



68.7651, 57.5282, 91.4842



55.8217, 57.5282, 27.5838



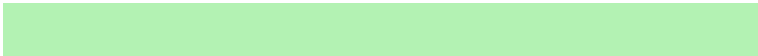
41.7062, 57.5282, 84.4264

Complementary

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



68.7651, 57.5282, 91.4842



58.4815, 76.3446, 54.3046

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.



40.4377, 57.5282, 59.4438



68.7651, 57.5282, 91.4842



48.0975, 57.5282, 30.2078

Square

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



68.7651, 57.5282, 91.4842



63.9931, 57.5282, 32.2512



42.6609, 57.5282, 40.5996



46.3153, 57.5282, 107.8347

Rectangle

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



68.7651, 57.5282, 91.4842



71.2551, 57.5282, 51.1094



42.6609, 57.5282, 40.5996



40.8960, 57.5282, 75.7827

Sweetspot

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



68.7669, 57.5307, 91.4854



88.8839, 87.6679, 106.8445



50.7400, 48.2375, 90.6423



18.7928, 18.3004, 22.7918



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.



68.7669, 57.5307, 91.4854



74.8054, 59.5110, 102.1511



64.4354, 55.7981, 68.6762



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2584



2.3527, 1.1301, 3.8483

Inverse Universe

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



68.7669, 57.5307, 91.4854



74.8054, 59.5110, 102.1511



62.0400, 77.7679, 73.0430



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2584



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 68.7651, 57.5282, 91.4842 looks on a white background.

Color Contrast Check

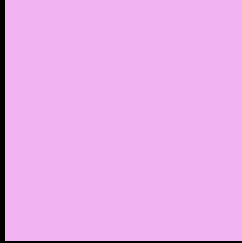
Large Text (above 18pt) WCAG AA × Fail

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 68.7651, 57.5282, 91.4842 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 68.7651, 57.5282, 91.4842

Background



This preview shows how black text looks on a background with the XYZ color 68.7651, 57.5282, 91.4842.



This preview shows how white text looks on a background with the XYZ color 68.7651, 57.5282,

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

68.7651, 57.5282, 91.4842

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

58.9145, 57.5416, 89.6629



Tritanopia

62.9050, 57.5906, 63.0590

Trichromacy



Original Color

68.7651, 57.5282, 91.4842



Protanomaly

61.3397, 57.2855, 98.2667



Deuteranomaly

61.9501, 57.1335, 90.2008



Tritanomaly

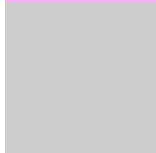
64.7951, 57.4160, 72.6331

Monochromacy



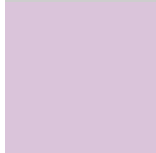
Original Color

68.7651, 57.5282, 91.4842



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.3083, 59.4472, 74.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7651, 57.5282, 91.4842 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(242, 179, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 242)  
}
```

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(242, 179, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 242) }
```

Border

The CSS property to change the border of an element to XYZ 68.7651, 57.5282, 91.4842 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(242, 179, 242) }
```


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

```
.border{ border-color:rgb(242, 179, 242) }
```

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

Here you see how a box with a 4 pixel rgb(242, 179, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7651, 57.5282, 91.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 242) }
```

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

```
.background{ background-color: rgb(242,  
179, 242) }
```

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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