

Converting Colors

XYZ(68.0474, 55.6174, 91.4325)

Have a look what the booklet for
XYZ(68.0474, 55.6174, 91.4325)
contains.

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Color

**XYZ(68.1252, 55.7376,
91.1722)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AEF2
RGB	243, 174, 242
RGB Percent	95%, 68%, 95%
CMY	0.0471, 0.3176, 0.0510
CMYK	0.00, 0.28, 0.00, 0.05
HSL	301°, 74%, 82%
HSV	301°, 28%, 95%
XYZ	68.1252, 55.7376, 91.1722
YIQ	202.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

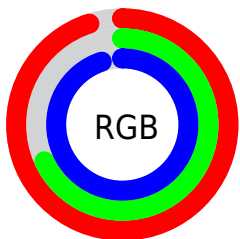
Format	Color
R _Y B	243, 174, 242
Decimal	15970034
CIE Lab	79.46, 35.98, -23.91
CIE LCh	79, 43.204, 326.391
Yxy	55.7376, 0.3168, 0.2592
Android (android.graphics.Color)	4294160114 (0xFFFF3AEF2)
YUV	202.3830, 19.5312, 35.6211
Hunter-Lab	74.6576, 32.2307, -20.1449

Details

The XYZ color **68.1252, 55.7376, 91.1722** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.2463, 76.1968, 52.2508**, and the grayscale version is **56.2530, 59.1826, 64.4498**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.9500, 27.6590, 49.8983** is the 20% darker color. If you saturate the color by 10%, you get **63.7963, 47.1634, 89.4689**, and if you desaturate by 10%, it is **73.3069, 66.0151, 93.1614**.

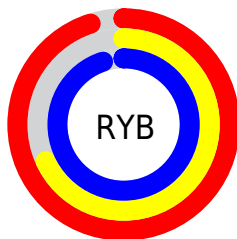
Distribution



Red (95%)

Green (68%)

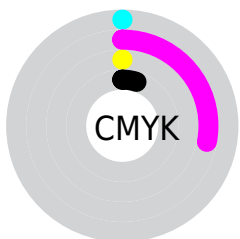
Blue (95%)



Red (95%)

Yellow (68%)

Blue (95%)

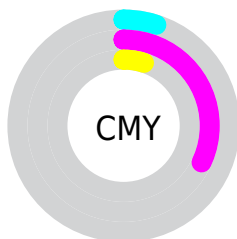


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1252, 55.7376, 91.1722 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 68.1252, 55.7376, 91.1722 by changing the saturation by 10% instead.

68.1252, 55.7376,
91.1722

68.1252, 55.7376,
91.1722

443.3093,
408.7019, 552.5048

50.2736, 39.9926,
68.3741

115.5722, 98.6208,
150.9153

35.8496, 27.5328,
49.7335

145.8983,
126.5278, 188.6973

24.4876, 17.9737,
34.8320

181.1133,
159.2576, 232.3111

15.8224, 10.9311,
23.2510

221.5826,
197.1945, 282.1752

9.4886, 6.0205,
14.5719

267.6714,
240.7230, 338.7080

5.1209, 2.8576,
8.3762

319.7453,

2.3539, 1.0578,

290.2275, 402.3282

4.2454

378.1694,
346.0923, 473.4543

■ 0.8220, 0.0000,
1.7609

■ 0.0000, 0.0000,
0.4020

■ 68.1252, 55.7376,
91.1722

■ 68.1252, 55.7376,
91.1722

■ 63.7963, 47.1634,
89.4689

■ 73.3069, 66.0151,
93.1614

■ 60.2692, 40.1936,
88.0328

■ 79.3784, 78.0732,
95.4472

■ 57.4953, 34.7302,
86.8483

■ 86.3811, 91.9936,
98.0438

■ 55.4191, 30.6619,
85.8969

■ 88.9624, 97.0709,
99.1672

53.9770, 27.8617,
85.1573

89.0158, 97.0922,
99.4484

53.0941, 26.1797,
84.6046

89.0693, 97.1136,
99.7302

52.6641, 25.4033,
84.2034

89.1229, 97.1351,
100.0125

52.6133, 25.3152,
84.1450

89.1767, 97.1566,
100.2953

89.2305, 97.1781,
100.5787

Harmonies

Analogous

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



60.7457, 55.7376, 114.3544



68.1252, 55.7376, 91.1722



71.4371, 55.7376, 63.7475

Triad

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



68.1252, 55.7376, 91.1722



54.0344, 55.7376, 24.3966



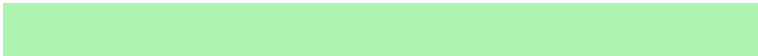
39.3906, 55.7376, 84.5060

Complementary

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



68.1252, 55.7376, 91.1722



57.2463, 76.1968, 52.2508

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.



38.0070, 55.7376, 57.7295



68.1252, 55.7376, 91.1722



45.9004, 55.7376, 27.1557

Square

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



68.1252, 55.7376, 91.1722



62.7610, 55.7376, 28.9541



40.2592, 55.7376, 37.8926



44.2665, 55.7376, 109.8256

Rectangle

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



68.1252, 55.7376, 91.1722



70.6527, 55.7376, 48.1772



40.2592, 55.7376, 37.8926



38.5263, 55.7376, 75.1981

Sweetspot

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



68.1269, 55.7400, 91.1734



88.1071, 86.2000, 106.3216



48.7718, 45.7447, 91.0543



18.6354, 18.0071, 22.6737



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.



68.1269, 55.7400, 91.1734



73.1463, 56.5154, 100.6034



63.5470, 53.9081, 67.0558



17.2027, 16.7639, 20.8138



28.8804, 13.8956, 46.2059



2.5416, 1.2226, 4.0783

Inverse Universe

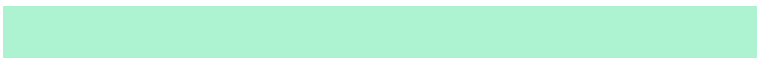
The Inverse Universe completely reimagines the original color for something new.



68.1269, 55.7400, 91.1734



73.1463, 56.5154, 100.6034



60.9551, 77.6803, 71.7809



17.2027, 16.7639, 20.8138



28.8804, 13.8956, 46.2059



2.5416, 1.2226, 4.0783

Previews

White Background



This preview shows how the XYZ color 68.1252, 55.7376, 91.1722 looks on a white background.

Color Contrast Check

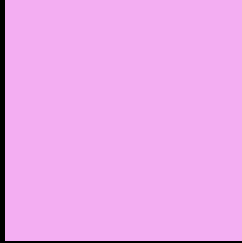
Large Text (above 18pt) WCAG AA × Fail

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 68.1252, 55.7376, 91.1722 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 68.1252, 55.7376, 91.1722

Background



This preview shows how black text looks on a background with the XYZ color 68.1252, 55.7376, 91.1722.



This preview shows how white text looks on a background with the XYZ color 68.1252, 55.7376,

91.1722.

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

68.1252, 55.7376, 91.1722

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.2675, 56.0487, 88.6891



Tritanopia

61.9366, 55.9027, 60.3492

Trichromacy



Original Color

68.1252, 55.7376, 91.1722



Protanomaly

59.9275, 55.2801, 97.9541



Deuteranomaly

60.5795, 55.4959, 89.1803



Tritanomaly

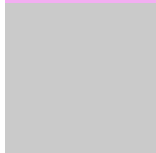
63.9281, 55.7973, 70.3514

Monochromacy



Original Color

68.1252, 55.7376, 91.1722



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.9893, 57.4607, 73.5749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1252, 55.7376, 91.1722 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(243, 174, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 174, 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(243, 174, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 174, 242) }
```

Border

The CSS property to change the border of an element to XYZ 68.1252, 55.7376, 91.1722 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(243, 174, 242) }
```


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

```
.border{ border-color:rgb(243, 174, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 174, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 174, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 174, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 174,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1252, 55.7376, 91.1722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 174, 242) }
```

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

```
.background{ background-color: rgb(243,  
174, 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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