

Converting Colors

XYZ(67.2535, 56.2403, 84.0873)

Have a look what the booklet for
XYZ(67.2535, 56.2403, 84.0873)
contains.

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Color

**XYZ(67.3923, 56.3822,
84.4217)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B1E9
RGB	243, 177, 233
RGB Percent	95%, 69%, 91%
CMY	0.0471, 0.3059, 0.0863
CMYK	0.00, 0.27, 0.04, 0.05
HSL	309°, 73%, 82%
HSV	309°, 27%, 95%
XYZ	67.3923, 56.3822, 84.4217
YIQ	203.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

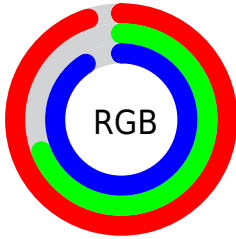
Format	Color
R _Y B	243, 177, 233
Decimal	15970793
CIE Lab	79.83, 32.79, -18.51
CIE LCh	80, 37.655, 330.555
Yxy	56.3822, 0.3237, 0.2708
Android (android.graphics.Color)	4294160873 (0xFFFF3B1E9)
YUV	203.1180, 14.7318, 34.9765
Hunter-Lab	75.0881, 28.8014, -14.0982

Details

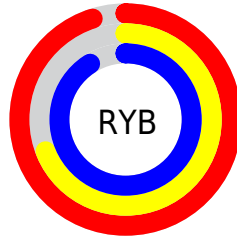
The XYZ color **67.3923, 56.3822, 84.4217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.1540, 77.0379, 58.7691**, and the grayscale version is **56.7414, 59.6963, 65.0093**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.3932, 28.0287, 45.1396** is the 20% darker color. If you saturate the color by 10%, you get **62.4932, 47.4161, 80.2209**, and if you desaturate by 10%, it is **73.1604, 67.0669, 88.9676**.

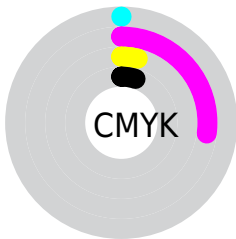
Distribution



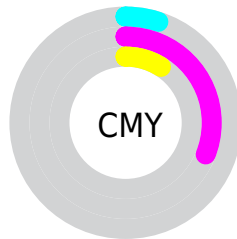
- Red (95%)
- Green (69%)
- Blue (91%)



- Red (95%)
- Yellow (69%)
- Blue (91%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3923, 56.3822, 84.4217 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 67.3923, 56.3822, 84.4217 by changing the saturation by 10% instead.


 67.3923, 56.3822,
84.4217

 67.3923, 56.3822,
84.4217


440.7504,
411.1303, 529.8071

 49.6754, 40.5094,
62.8163


 114.5291, 99.5632,
141.4319

 35.3723, 27.9360,
45.2525


144.6796,
127.6402, 177.6737

 24.1176, 18.2774,
31.3120


179.7054,
160.5540, 219.6315

 15.5461, 11.1493,
20.5761

219.9718,
198.6892, 267.7236

 9.2924, 6.1674,
12.6263

265.8441,
242.4300, 322.3687

 4.9910, 2.9471,
7.0440

317.6878,

 2.2767, 1.1042,

292.1608, 383.9853

3.4108

375.8681,
348.2661, 452.9919

■ 0.7827, 0.0000,
1.3080

■ 0.0000, 0.0000,
0.0683

■ 67.3923, 56.3822,
84.4217

■ 67.3923, 56.3822,
84.4217

■ 62.4932, 47.4161,
80.2209

■ 73.1604, 67.0669,
88.9676

■ 58.4124, 40.0703,
76.3461

■ 79.8345, 79.5466,
93.8693

■ 55.1023, 34.2482,
72.7816

■ 87.4554, 93.9023,
99.1415

■ 52.5076, 29.8400,
69.5089

■ 89.6240, 97.3355,
102.6513

■ 50.5661, 26.7208,
66.5067

■ 90.2003, 97.5660,
105.6858

■ 49.2043, 24.7442,
63.7503

■ 90.7726, 97.7949,
108.6998

■ 48.3277, 23.7209,
61.2077

■ 48.1250, 23.5199,
60.5102

Harmonies

Analogous

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



61.3908, 56.3822, 105.0928



67.3923, 56.3822, 84.4217



69.6212, 56.3822, 60.9846

Triad

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



67.3923, 56.3822, 84.4217



53.4476, 56.3822, 28.2578



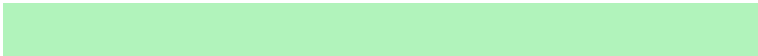
41.9338, 56.3822, 85.2962

Complementary

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



67.3923, 56.3822, 84.4217



59.1540, 77.0379, 58.7691

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.



40.2298, 56.3822, 61.7984



67.3923, 56.3822, 84.4217



46.4790, 56.3822, 31.8755

Square

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



67.3923, 56.3822, 84.4217



61.1218, 56.3822, 31.6134



41.8132, 56.3822, 42.9827



46.7031, 56.3822, 105.6762

Rectangle

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



67.3923, 56.3822, 84.4217



68.5169, 56.3822, 47.8011



41.8132, 56.3822, 42.9827



41.0049, 56.3822, 77.3387

Sweetspot

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



67.3940, 56.3847, 84.4229



88.3902, 87.4704, 104.2445



52.3714, 48.4705, 91.3906



18.6674, 18.2503, 22.1316



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.



67.3940, 56.3847, 84.4229



71.8390, 56.7549, 91.3689



63.1234, 54.6764, 61.9341



17.0994, 16.7226, 20.2698



26.4528, 12.9246, 33.4224



2.3536, 1.1474, 3.0883

Inverse Universe

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



67.3940, 56.3847, 84.4229



71.8390, 56.7549, 91.3689



63.0892, 78.6120, 79.4912



17.0994, 16.7226, 20.2698



26.4528, 12.9246, 33.4224



2.3536, 1.1474, 3.0883

Previews

White Background



This preview shows how the XYZ color 67.3923, 56.3822, 84.4217 looks on a white background.

Color Contrast Check

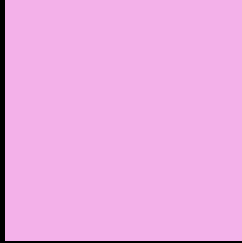
Large Text (above 18pt) WCAG AA × Fail

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 67.3923, 56.3822, 84.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

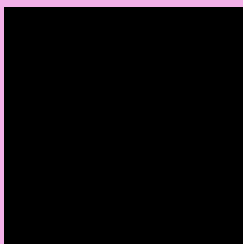
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3923, 56.3822, 84.4217

Background



This preview shows how black text looks on a background with the XYZ color 67.3923, 56.3822, 84.4217.



This preview shows how white text looks on a background with the XYZ color 67.3923, 56.3822,

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

67.3923, 56.3822, 84.4217

Protanopia

56.6242, 56.5728, 95.1240

Deuteranopia

57.7100, 56.4097, 82.7094



Tritanopia

62.3864, 56.1213, 60.9705

Trichromacy



Original Color

67.3923, 56.3822, 84.4217



Protanomaly

59.8069, 56.0115, 90.8782



Deuteranomaly

60.8094, 56.0619, 83.2173



Tritanomaly

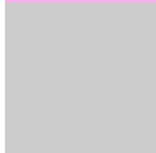
64.2169, 56.2762, 69.1058

Monochromacy



Original Color

67.3923, 56.3822, 84.4217



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.3428, 58.3440, 71.6994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3923, 56.3822, 84.4217 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, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 233)  
}
```

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, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 233) }
```

Border

The CSS property to change the border of an element to XYZ 67.3923, 56.3822, 84.4217 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, 177, 233) }
```


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

```
.border{ border-color:rgb(243, 177, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3923, 56.3822, 84.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 233) }
```

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

```
.background{ background-color: rgb(243,  
177, 233) }
```

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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