

Converting Colors

XYZ(68.3110, 56.5323, 72.6853)

Have a look what the booklet for
XYZ(68.3110, 56.5323, 72.6853)
contains.

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Color

**XYZ(68.3624, 56.5523,
72.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	FDAFD9
RGB	253, 175, 217
RGB Percent	99%, 69%, 85%
CMY	0.0078, 0.3137, 0.1490
CMYK	0.00, 0.31, 0.14, 0.01
HSL	328°, 95%, 84%
HSV	328°, 31%, 99%
XYZ	68.3624, 56.5523, 72.9582
YIQ	203.1100, 33.0060, 29.5980

Conversions

Conversions Part 2

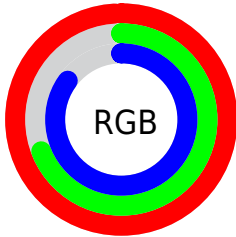
Format	Color
R _Y B	253, 175, 217
Decimal	16625625
CIE Lab	79.93, 34.51, -9.62
CIE LCh	80, 35.822, 344.421
Yxy	56.5523, 0.3455, 0.2858
Android (android.graphics.Color)	4294815705 (0xFFFD AFD9)
YUV	203.1100, 6.8478, 43.7535
Hunter-Lab	75.2013, 30.6649, -4.8806

Details

The XYZ color **68.3624, 56.5523, 72.9582** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.5648, 84.0693, 74.4560**, and the grayscale version is **56.7790, 59.7360, 65.0525**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **35.8646, 27.8855, 37.6746** is the 20% darker color. If you saturate the color by 10%, you get **62.4264, 47.0252, 63.7490**, and if you desaturate by 10%, it is **75.3317, 67.9725, 83.0434**.

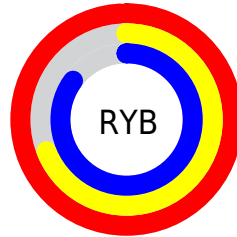
Distribution



Red (99%)

Green (69%)

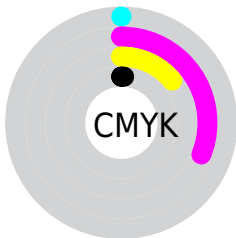
Blue (85%)



Red (99%)

Yellow (69%)

Blue (85%)

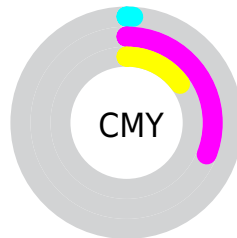


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3624, 56.5523, 72.9582 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 68.3624, 56.5523, 72.9582 by changing the saturation by 10% instead.


 68.3624, 56.5523,
72.9582

 68.3624, 56.5523,
72.9582


444.1356,
411.7696, 489.9368

 50.4674, 40.6459,
53.4502


 115.9095, 99.8116,
125.1382

 36.0042, 28.0425,
37.7721


146.2923,
127.9334, 158.6473

 24.6076, 18.3577,
25.5054


181.5683,
160.8957, 197.6605

 15.9121, 11.2071,
16.2315


222.1031,
199.0830, 242.5963

 9.5524, 6.2063,
9.5320

268.2618,
242.8796, 293.8733

 5.1632, 2.9709,
4.9883


320.4099,

 2.3791, 1.1166,


292.6700, 351.9101


2.1818


378.9127,
348.8385, 417.1250


 0.8347, 0.0000,
0.6638


 0.0000, 0.0000,
0.0000


 68.3624, 56.5523,
72.9582


 68.3624, 56.5523,
72.9582


 62.4264, 47.0252,
63.7490


 75.3317, 67.9725,
83.0434


 57.4649, 39.2792,
55.3834

 83.3790, 81.3741,
94.0282

 53.4204, 33.2026,
47.8318

 92.5524, 96.8491,
105.9396

 50.2274, 28.6677,
41.0605

 94.3184, 99.6229,
108.8658

■ 47.8106, 25.5281,
35.0324

■ 46.0803, 23.6084,
29.7051

■ 44.9683, 22.6668,
25.3812

Harmonies

Analogous

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



64.1342, 56.5523, 94.7995



68.3624, 56.5523, 72.9582



68.4482, 56.5523, 52.1395

Triad

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



68.3624, 56.5523, 72.9582



50.3466, 56.5523, 30.3867



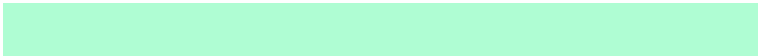
44.3782, 56.5523, 94.0392

Complementary

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



68.3624, 56.5523, 72.9582



64.5648, 84.0693, 74.4560

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.



41.3248, 56.5523, 72.0871



68.3624, 56.5523, 72.9582



44.5541, 56.5523, 37.1928

Square

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



68.3624, 56.5523, 72.9582



57.5912, 56.5523, 30.5176



41.3861, 56.5523, 51.4435



50.0860, 56.5523, 108.7150

Rectangle

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



68.3624, 56.5523, 72.9582



66.1185, 56.5523, 41.6156



41.3861, 56.5523, 51.4435



43.0312, 56.5523, 87.0738

Sweetspot

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



68.3641, 56.5549, 72.9594



86.5017, 85.5578, 97.8675



59.6688, 51.4710, 99.7194



18.2381, 17.8482, 20.5815



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.



68.3641, 56.5549, 72.9594



65.7383, 51.3534, 68.3724



63.9667, 54.7959, 49.8031



18.4184, 18.1507, 20.8202



23.9957, 12.0876, 13.8939



2.3916, 1.1990, 1.6435

Inverse Universe

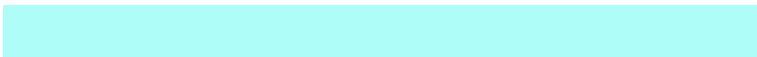
The Inverse Universe completely reimagines the original color for something new.



68.3641, 56.5549, 72.9594



65.7383, 51.3534, 68.3724



69.9208, 86.2118, 102.6608



18.4184, 18.1507, 20.8202



23.9957, 12.0876, 13.8939



2.3916, 1.1990, 1.6435

Previews

White Background



This preview shows how the XYZ color 68.3624, 56.5523, 72.9582 looks on a white background.

Color Contrast Check

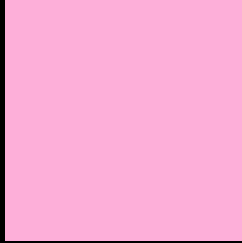
Large Text (above 18pt) WCAG AA × Fail

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 68.3624, 56.5523, 72.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

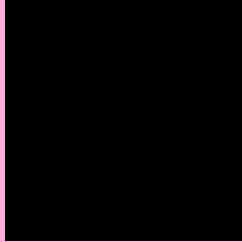
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3624, 56.5523, 72.9582

Background



This preview shows how black text looks on a background with the XYZ color 68.3624, 56.5523, 72.9582.



This preview shows how white text looks on a background with the XYZ color 68.3624, 56.5523,

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

68.3624, 56.5523, 72.9582

Protanopia

56.1283, 56.9085, 83.6275

Deuteranopia

58.0715, 56.8439, 71.5296



Tritanopia

65.1701, 56.4144, 57.9063

Trichromacy



Original Color

68.3624, 56.5523, 72.9582



Protanomaly

59.6566, 56.1823, 79.6515



Deuteranomaly

61.1887, 56.1929, 71.9113



Tritanomaly

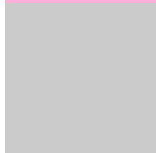
66.3647, 56.6143, 63.3070

Monochromacy



Original Color

68.3624, 56.5523, 72.9582



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.2739, 58.0661, 67.7056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3624, 56.5523, 72.9582 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(253, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(253, 175, 217)  
}
```

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(253, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 175, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.3624, 56.5523, 72.9582 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(253, 175, 217) }
```


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

```
.border{ border-color:rgb(253, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(253, 175,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3624, 56.5523, 72.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 175, 217) }
```

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

```
.background{ background-color: rgb(253,  
175, 217) }
```

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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