

Converting Colors

XYZ(72.2012, 68.4009, 79.8793)

Have a look what the booklet for
XYZ(72.2012, 68.4009, 79.8793)
contains.

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Color

**XYZ(72.1438, 68.4017,
79.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CEE0
RGB	242, 206, 224
RGB Percent	95%, 81%, 88%
CMY	0.0510, 0.1921, 0.1216
CMYK	0.00, 0.15, 0.07, 0.05
HSL	330°, 58%, 88%
HSV	330°, 15%, 95%
XYZ	72.1438, 68.4017, 79.9215
YIQ	218.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

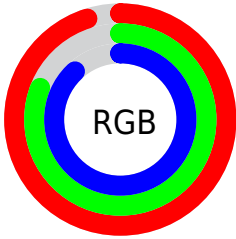
Format	Color
R _Y B	242, 206, 224
Decimal	15912672
CIE Lab	86.21, 15.55, -4.19
CIE LCh	86, 16.105, 344.910
Yxy	68.4017, 0.3272, 0.3103
Android (android.graphics.Color)	4294102752 (0xFFF2CEE0)
YUV	218.8160, 2.5557, 20.3324
Hunter-Lab	82.7053, 10.9711, 0.5994

Details

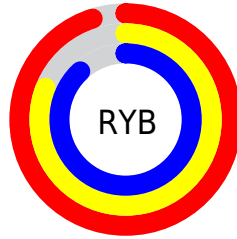
The XYZ color **72.1438, 68.4017, 79.9215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6629, 82.0097, 82.6300**, and the grayscale version is **67.1813, 70.6800, 76.9705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6394, 35.7601, 42.4020** is the 20% darker color. If you saturate the color by 10%, you get **65.1776, 57.0022, 69.7885**, and if you desaturate by 10%, it is **80.1277, 81.6478, 90.9717**.

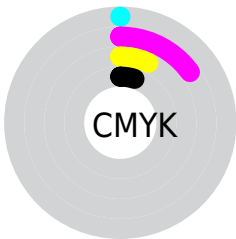
Distribution



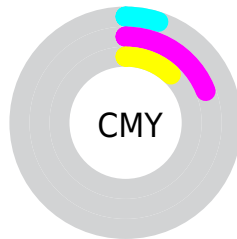
- Red (95%)
- Green (81%)
- Blue (88%)



- Red (95%)
- Yellow (81%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1438, 68.4017, 79.9215 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 72.1438, 68.4017, 79.9215 by changing the saturation by 10% instead.

72.1438, 68.4017,
79.9215

72.1438, 68.4017,
79.9215

457.1918,
454.9179, 514.3680

53.5620, 50.2246,
59.1280

121.2707,
116.9266, 135.0658

38.4809, 35.5919,
42.2955

152.5464,
148.0432, 170.2536

26.5350, 24.1192,
29.0054

188.7843,
184.2418, 211.0766

17.3591, 15.4220,
18.8393

230.3496,
225.9067, 257.9533

10.5878, 9.1161,
11.3786

277.6076,
273.4224, 311.3022

5.8556, 4.8170,
6.2047

330.9237,

2.7973, 2.1403,

327.1733, 371.5420

2.8992

390.6634,
387.5436, 439.0911

■ 1.0475, 0.6871,
1.0434

■ 0.0000, 0.0000,
0.0000

■ 72.1438, 68.4017,
79.9215

■ 72.1438, 68.4017,
79.9215

■ 65.1776, 57.0022,
69.7885

■ 80.1277, 81.6478,
90.9717

■ 59.1798, 47.3575,
60.5421

■ 89.1641, 96.8090,
102.9597

■ 54.1060, 39.3815,
52.1557

■ 90.4283, 97.6174,
108.6837

■ 49.9054, 32.9772,
44.5998

■ 46.5225, 28.0374,
37.8428

■ 43.8946, 24.4413,
31.8499

■ 41.9492, 22.0487,
26.5828

■ 40.5979, 20.6876,
21.9971

■ 40.0687, 20.2576,
19.8832

Harmonies

Analogous

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



70.1786, 68.4017, 89.8959



72.1438, 68.4017, 79.9215



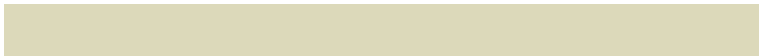
72.1500, 68.4017, 69.3464

Triad

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



72.1438, 68.4017, 79.9215



63.1964, 68.4017, 56.4367



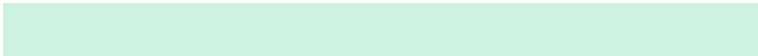
60.0937, 68.4017, 89.8443

Complementary

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



72.1438, 68.4017, 79.9215



70.6629, 82.0097, 82.6300

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.



58.3643, 68.4017, 79.8563



72.1438, 68.4017, 79.9215



60.1088, 68.4017, 60.9318

Square

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



72.1438, 68.4017, 79.9215



66.8877, 68.4017, 56.4506



58.3697, 68.4017, 69.2871



63.1751, 68.4017, 95.9845

Rectangle

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



72.1438, 68.4017, 79.9215



71.0379, 68.4017, 63.3924



58.3697, 68.4017, 69.2871



59.3402, 68.4017, 86.7857

Sweetspot

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



72.1458, 68.4047, 79.9230



91.0715, 93.3397, 103.5762



68.8414, 66.4041, 93.1942



19.3375, 19.7188, 21.9594



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.



72.1458, 68.4047, 79.9230



78.6372, 72.7389, 86.2746



69.8323, 67.4793, 67.7404



16.1024, 15.8907, 18.0954



21.5941, 10.9100, 11.0448



1.8466, 0.9277, 1.1833

Inverse Universe

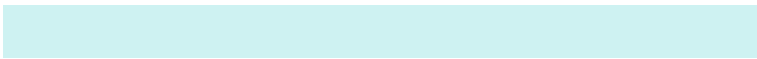
The Inverse Universe completely reimagines the original color for something new.



72.1458, 68.4047, 79.9230



78.6372, 72.7389, 86.2746



73.2348, 83.0384, 96.1734



16.1024, 15.8907, 18.0954



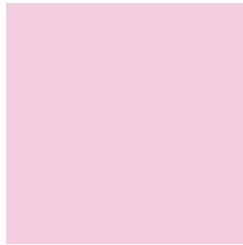
21.5941, 10.9100, 11.0448



1.8466, 0.9277, 1.1833

Previews

White Background



This preview shows how the XYZ color 72.1438, 68.4017, 79.9215 looks on a white background.

Color Contrast Check

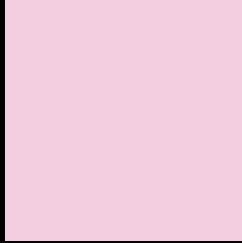
Large Text (above 18pt) WCAG AA × Fail

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 72.1438, 68.4017, 79.9215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

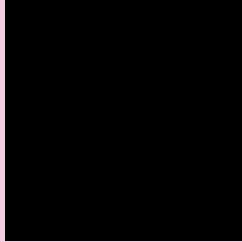
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1438, 68.4017, 79.9215

Background



This preview shows how black text looks on a background with the XYZ color 72.1438, 68.4017, 79.9215.



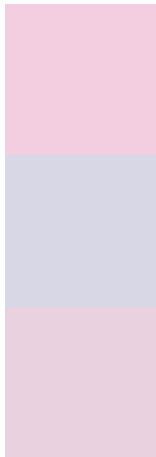
This preview shows how white text looks on a background with the XYZ color 72.1438, 68.4017,

79.9215.

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

72.1438, 68.4017, 79.9215

Protanopia

66.7622, 68.8570, 83.9007

Deuteranopia

69.7240, 68.2523, 79.3112



Tritanopia

71.8741, 68.2938, 78.5011

Trichromacy



Original Color

72.1438, 68.4017, 79.9215

Protanomaly

68.4599, 68.6406, 82.3138

Deuteranomaly

70.4672, 68.2723, 79.2759

Tritanomaly

72.0085, 68.3476, 79.2092

Monochromacy



Original Color

72.1438, 68.4017, 79.9215

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7763, 69.6445, 78.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1438, 68.4017, 79.9215 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, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 224)  
}
```

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, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.1438, 68.4017, 79.9215 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, 206, 224) }
```


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

```
.border{ border-color:rgb(242, 206, 224) }
```

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

Here you see how a box with a 4 pixel rgb(242, 206, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1438, 68.4017, 79.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 224) }
```

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

```
.background{ background-color: rgb(242,  
206, 224) }
```

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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