

Converting Colors

XYZ(72.6332, 66.8800, 87.3756)

Have a look what the booklet for
XYZ(72.6332, 66.8800, 87.3756)
contains.

XYZ(72.5000, 66.6487, 87.6406) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(72.5000, 66.6487,
87.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C9EB
RGB	242, 201, 235
RGB Percent	95%, 79%, 92%
CMY	0.0510, 0.2117, 0.0784
CMYK	0.00, 0.17, 0.03, 0.05
HSL	310°, 61%, 87%
HSV	310°, 17%, 95%
XYZ	72.5000, 66.6487, 87.6406
YIQ	217.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

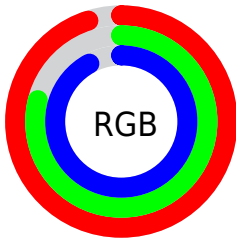
Format	Color
R _Y B	242, 201, 235
Decimal	15911403
CIE Lab	85.33, 20.10, -11.34
CIE LCh	85, 23.075, 330.559
Yxy	66.6487, 0.3197, 0.2939
Android (android.graphics.Color)	4294101483 (0xFFFF2C9EB)
YUV	217.1350, 8.8074, 21.8066
Hunter-Lab	81.6387, 15.6510, -6.5018

Details

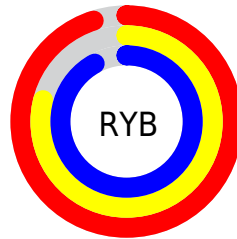
The XYZ color **72.5000, 66.6487, 87.6406** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2273, 80.4777, 71.6687**, and the grayscale version is **65.9826, 69.4188, 75.5971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8201, 34.5612, 47.2728** is the 20% darker color. If you saturate the color by 10%, you get **66.7075, 56.0071, 82.7990**, and if you desaturate by 10%, it is **79.1990, 79.0791, 92.8544**.

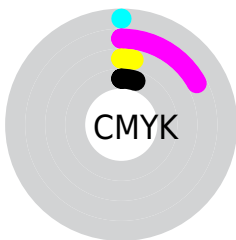
Distribution



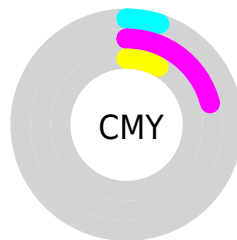
- Red (95%)
- Green (79%)
- Blue (92%)



- Red (95%)
- Yellow (79%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5000, 66.6487, 87.6406 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 72.5000, 66.6487, 87.6406 by changing the saturation by 10% instead.


 72.5000, 66.6487,
87.6406

 72.5000, 66.6487,
87.6406


458.4107,
448.6933, 540.6963

 53.8541, 48.7992,
65.4628

121.7741,
114.4169, 145.9634

 38.7153, 34.4602,
47.3827


153.1330,
145.1044, 182.9456

 26.7180, 23.2474,
32.9818


189.4604,
180.8399, 225.6995

 17.4971, 14.7763,
21.8415

231.1215,
222.0080, 274.6439

 10.6870, 8.6625,
13.5433

278.4817,
268.9930, 330.1973

 5.9225, 4.5217,
7.6686

331.9065,

 2.8382, 1.9695,

322.1793, 392.7781

3.7989

391.7610,
381.9512, 462.8049

■ 1.0688, 0.5896,
1.5157

■ 0.0000, 0.0000,
0.2296

■ 72.5000, 66.6487,
87.6406

■ 72.5000, 66.6487,
87.6406

■ 66.7075, 56.0071,
82.7990

■ 79.1990, 79.0791,
92.8544

■ 61.7740, 47.0625,
78.3109

■ 86.8375, 93.3672,
98.4494

■ 57.6566, 39.7282,
74.1623

■ 89.2284, 97.1375,
102.3646

■ 54.3062, 33.9062,
70.3365

■ 89.8748, 97.3960,
105.7680

■ 51.6686, 29.4880,
66.8148

■ 90.4284, 97.6175,
108.6837

■ 49.6820, 26.3505,
63.5763

■ 48.2741, 24.3493,
60.5963

■ 47.3528, 23.2998,
57.8436

■ 47.1233, 23.0795,
57.0317

Harmonies

Analogous

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



68.5908, 66.6487, 100.2536



72.5000, 66.6487, 87.6406



73.9274, 66.6487, 72.2889

Triad

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



72.5000, 66.6487, 87.6406



63.2497, 66.6487, 47.4456



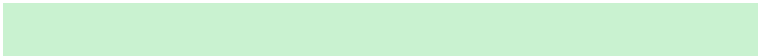
55.0890, 66.6487, 88.1928

Complementary

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



72.5000, 66.6487, 87.6406



67.2273, 80.4777, 71.6687

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.



53.8286, 66.6487, 72.8500



72.5000, 66.6487, 87.6406



58.3786, 66.6487, 50.5172

Square

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



72.5000, 66.6487, 87.6406



68.4121, 66.6487, 50.2972



54.9998, 66.6487, 59.3328



58.5394, 66.6487, 100.6020

Rectangle

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



72.5000, 66.6487, 87.6406



73.2214, 66.6487, 62.9322



54.9998, 66.6487, 59.3328



54.4039, 66.6487, 83.1428

Sweetspot

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



72.5020, 66.6516, 87.6420



90.7680, 91.9938, 105.7532



62.8821, 61.5732, 92.5761



19.3039, 19.4588, 22.5428



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.



72.5020, 66.6516, 87.6420



79.5122, 71.1175, 96.9599



69.7299, 65.5428, 73.0443



16.3316, 15.9824, 19.3025



25.3595, 12.4162, 30.8731



2.1400, 1.0450, 2.7278

Inverse Universe

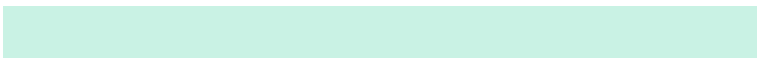
The Inverse Universe completely reimagines the original color for something new.



72.5020, 66.6516, 87.6420



79.5122, 71.1175, 96.9599



69.8918, 81.5435, 85.6995



16.3316, 15.9824, 19.3025



25.3595, 12.4162, 30.8731



2.1400, 1.0450, 2.7278

Previews

White Background



This preview shows how the XYZ color 72.5000, 66.6487, 87.6406 looks on a white background.

Color Contrast Check

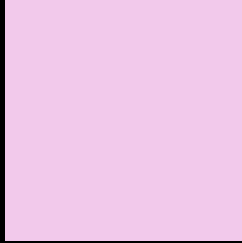
Large Text (above 18pt) WCAG AA × Fail

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 72.5000, 66.6487, 87.6406 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 72.5000, 66.6487, 87.6406

Background



This preview shows how black text looks on a background with the XYZ color 72.5000, 66.6487, 87.6406.



This preview shows how white text looks on a background with the XYZ color 72.5000, 66.6487,

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

72.5000, 66.6487, 87.6406

Protanopia

65.8650, 67.0531, 93.4755

Deuteranopia

68.4585, 67.0598, 87.1776



Tritanopia

70.4463, 66.8783, 76.9060

Trichromacy



Original Color

72.5000, 66.6487, 87.6406

Protanomaly

67.9547, 66.7159, 90.9572

Deuteranomaly

69.6376, 66.5921, 87.0252

Tritanomaly

71.2222, 66.8489, 80.3835

Monochromacy



Original Color

72.5000, 66.6487, 87.6406

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.1128, 68.1391, 80.0832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5000, 66.6487, 87.6406 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, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 235)  
}
```

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, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 235) }
```

Border

The CSS property to change the border of an element to XYZ 72.5000, 66.6487, 87.6406 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, 201, 235) }
```


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

```
.border{ border-color:rgb(242, 201, 235) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5000, 66.6487, 87.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 235) }
```

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

```
.background{ background-color: rgb(242,  
201, 235) }
```

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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