

Converting Colors

XYZ(72.8025, 57.9176, 94.0464)

Have a look what the booklet for
XYZ(72.8025, 57.9176, 94.0464)
contains.

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Color

**XYZ(72.6650, 57.7397,
93.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADF5
RGB	255, 173, 245
RGB Percent	100%, 68%, 96%
CMY	0.0000, 0.3215, 0.0392
CMYK	0.00, 0.32, 0.04, 0.00
HSL	307°, 100%, 84%
HSV	307°, 32%, 100%
XYZ	72.6650, 57.7397, 93.7012
YIQ	205.7260, 25.7600, 39.7760

Conversions

Conversions Part 2

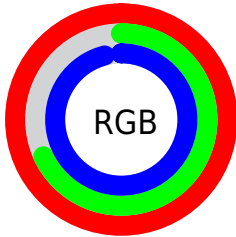
Format	Color
R _Y B	255, 173, 245
Decimal	16756213
CIE Lab	80.59, 40.84, -23.69
CIE LCh	81, 47.215, 329.878
Yxy	57.7397, 0.3242, 0.2576
Android (android.graphics.Color)	4294946293 (0xFFFFADF5)
YUV	205.7260, 19.3621, 43.2133
Hunter-Lab	75.9866, 37.7205, -19.9215

Details

The XYZ color **72.6650, 57.7397, 93.7012** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.5426, 83.8240, 57.7384**, and the grayscale version is **58.3610, 61.4004, 66.8650**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **38.8081, 28.7381, 51.6457** is the 20% darker color. If you saturate the color by 10%, you get **67.7632, 48.6894, 89.7453**, and if you desaturate by 10%, it is **78.5103, 68.6640, 98.0125**.

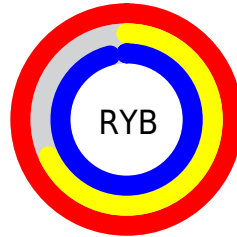
Distribution



Red (100%)

Green (68%)

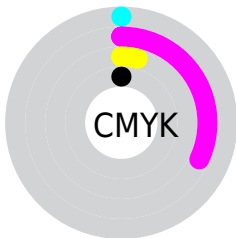
Blue (96%)



Red (100%)

Yellow (68%)

Blue (96%)

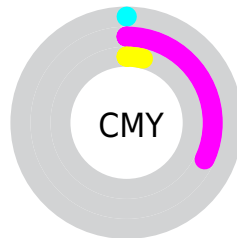


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6650, 57.7397, 93.7012 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 72.6650, 57.7397, 93.7012 by changing the saturation by 10% instead.


 72.6650, 57.7397,
93.7012

 72.6650, 57.7397,
93.7012


458.9747,
416.2153, 560.8764

 53.9895, 41.5994,
70.4636


 122.0072,
101.5437, 154.4491

 38.8239, 28.7878,
51.4254


153.4046,
129.9762, 192.7965

 26.8029, 18.9203,
36.1682


189.7734,
163.2749, 237.0175

 17.5610, 11.6127,
24.2734

231.4788,
201.8242, 287.5307

 10.7331, 6.4806,
15.3225

278.8863,
246.0085, 344.7547

 5.9536, 3.1394,
8.8969

332.3612,

 2.8573, 1.2050,

296.2122, 409.1079

4.5781

392.2689,
352.8197, 481.0090

■ 1.0787, 0.0657,
1.9475

■ 0.0072, 0.0000,
0.5227

■ 72.6650, 57.7397,
93.7012

■ 72.6650, 57.7397,
93.7012

■ 67.7632, 48.6894,
89.7453

■ 78.5103, 68.6640,
98.0125

■ 63.7480, 41.3996,
86.1234

■ 85.3446, 81.5534,
102.6922

■ 60.5619, 35.7554,
82.8168

■ 93.2145, 96.5014,
107.7569

■ 58.1391, 31.6254,
79.8034

95.0500, 100.0000,
108.9000

■ 56.4040, 28.8581,
77.0579

■ 55.2649, 27.2704,
74.5494

■ 54.6814, 26.6366,
72.7116

Harmonies

Analogous

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



64.7161, 57.7397, 121.5638



72.6650, 57.7397, 93.7012



75.7476, 57.7397, 62.9823

Triad

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



72.6650, 57.7397, 93.7012



54.9195, 57.7397, 23.1246



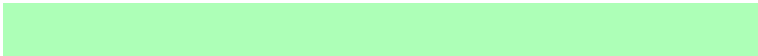
40.2306, 57.7397, 93.4450

Complementary

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



72.6650, 57.7397, 93.7012



61.5426, 83.8240, 57.7384

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.



38.2466, 57.7397, 62.7553



72.6650, 57.7397, 93.7012



46.0945, 57.7397, 26.9683

Square

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



72.6650, 57.7397, 93.7012



64.7927, 57.7397, 27.0329



40.2628, 57.7397, 39.6717



46.0334, 57.7397, 121.3877

Rectangle

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



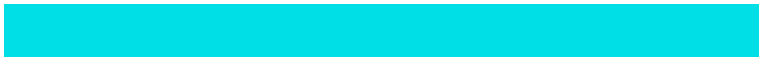
72.6650, 57.7397, 93.7012



74.3770, 57.7397, 46.3836



40.2628, 57.7397, 39.6717



39.1277, 57.7397, 82.8592

Sweetspot

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



72.6663, 57.7420, 93.7024



86.9512, 84.5971, 103.7504



52.4214, 47.1242, 100.9407



18.3856, 17.6800, 22.0587



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.



72.6663, 57.7420, 93.7024



69.2115, 51.3495, 90.9566



67.1363, 55.5300, 64.5818



18.6917, 18.2600, 22.2595



28.6099, 13.9333, 38.1919



2.8113, 1.3669, 3.8539

Inverse Universe

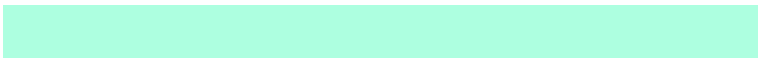
The Inverse Universe completely reimagines the original color for something new.



72.6663, 57.7420, 93.7024



69.2115, 51.3495, 90.9566



66.3910, 85.7634, 83.2697



18.6917, 18.2600, 22.2595



28.6099, 13.9333, 38.1919



2.8113, 1.3669, 3.8539

Previews

White Background



This preview shows how the XYZ color 72.6650, 57.7397, 93.7012 looks on a white background.

Color Contrast Check

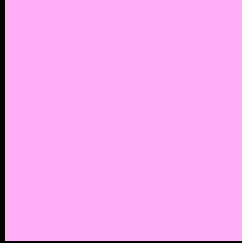
Large Text (above 18pt) WCAG AA × Fail

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 72.6650, 57.7397, 93.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

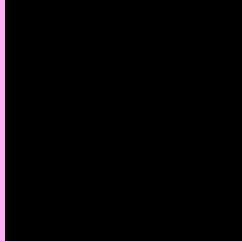
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6650, 57.7397, 93.7012

Background



This preview shows how black text looks on a background with the XYZ color 72.6650, 57.7397, 93.7012.



This preview shows how white text looks on a background with the XYZ color 72.6650, 57.7397,

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

72.6650, 57.7397, 93.7012

Protanopia

58.4938, 58.0473, 102.7290

Deuteranopia

59.4365, 58.1101, 91.3028



Tritanopia

65.7587, 57.5812, 59.8730

Trichromacy



Original Color

72.6650, 57.7397, 93.7012



Protanomaly

62.4742, 57.2091, 99.0165



Deuteranomaly

63.5254, 57.5929, 91.7728



Tritanomaly

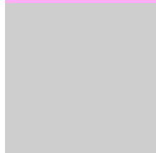
68.0414, 57.6045, 71.1509

Monochromacy



Original Color

72.6650, 57.7397, 93.7012



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.9505, 59.5982, 75.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6650, 57.7397, 93.7012 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(255, 173, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 245)  
}
```

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(255, 173, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.6650, 57.7397, 93.7012 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(255, 173, 245) }
```


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

```
.border{ border-color:rgb(255, 173, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6650, 57.7397, 93.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 245) }
```

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

```
.background{ background-color: rgb(255,  
173, 245) }
```

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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