

Converting Colors

XYZ(72.8874, 58.7461, 92.0443)

Have a look what the booklet for
XYZ(72.8874, 58.7461, 92.0443)
contains.

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Color

**XYZ(72.9430, 58.7817,
92.2955)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB0F3 |
| RGB | 255, 176, 243 |
| RGB Percent | 100%, 69%, 95% |
| CMY | 0.0000, 0.3098, 0.0471 |
| CMYK | 0.00, 0.31, 0.05, 0.00 |
| HSL | 309°, 100%, 85% |
| HSV | 309°, 31%, 100% |
| XYZ | 72.9430, 58.7817, 92.2955 |
| YIQ | 207.2590, 25.5770, 37.5850 |

Conversions

Conversions Part 2

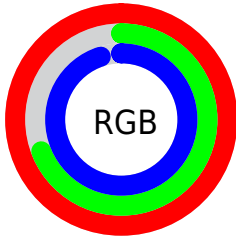
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 176, 243 |
| Decimal | 16756979 |
| CIE _{Lab} | 81.17, 38.93, -21.74 |
| CIE _{LCh} | 81, 44.592, 330.818 |
| Y _{xy} | 58.7817, 0.3256, 0.2624 |
| Android (android.graphics.Color) | 4294947059 (0xFFFFB0F3) |
| YUV | 207.2590, 17.6203, 41.8689 |
| Hunter-Lab | 76.6692, 35.6535, -17.7057 |

Details

The XYZ color **72.9430, 58.7817, 92.2955** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7434, 84.3818, 60.5600**, and the grayscale version is **59.3548, 62.4458, 68.0035**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **38.9551, 29.3772, 50.6309** is the 20% darker color. If you saturate the color by 10%, you get **67.8261, 49.4740, 87.7349**, and if you desaturate by 10%, it is **79.0139, 69.9771, 97.2366**.

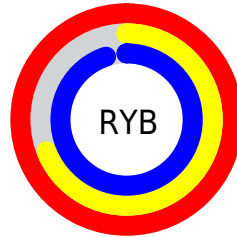
Distribution



Red (100%)

Green (69%)

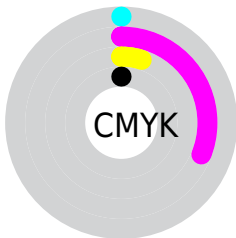
Blue (95%)



Red (100%)

Yellow (69%)

Blue (95%)

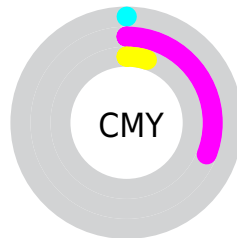


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9430, 58.7817, 92.2955 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 72.9430, 58.7817, 92.2955 by changing the saturation by 10% instead.


 72.9430, 58.7817,
92.2955

 72.9430, 58.7817,
92.2955


459.9241,
420.0925, 556.2317

 54.2176, 42.4374,
69.3017


 122.3999,
103.0603, 152.4861

 39.0070, 29.4440,
50.4842


153.8620,
131.7634, 190.5200

 26.9459, 19.4169,
35.4244


190.3004,
165.3550, 234.4044

 17.6690, 11.9719,
23.7038

232.0804,
204.2193, 284.5577

 10.8108, 6.7246,
14.9039

279.5675,
248.7408, 341.3986

 6.0061, 3.2904,
8.6061

333.1269,

 2.8895, 1.2852,

299.3039, 405.3455

4.3919

393.1239,
356.2930, 476.8170

■ 1.0956, 0.1297,
1.8427

■ 0.0214, 0.0000,
0.4559

■ 72.9430, 58.7817,
92.2955

■ 72.9430, 58.7817,
92.2955

■ 67.8261, 49.4740,
87.7349

■ 79.0139, 69.9771,
97.2366

■ 63.6065, 41.9416,
83.5331

■ 86.0835, 83.1504,
102.5710

■ 60.2276, 36.0709,
79.6717

■ 94.1985, 98.3945,
108.3155

■ 57.6245, 31.7324,
76.1287

■ 95.0500, 100.0000,
108.9000

■ 55.7227, 28.7775,
72.8789

■ 54.4331, 27.0277,
69.8921

■ 53.6691, 26.2317,
67.3810

Harmonies

Analogous

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



65.5200, 58.7817, 118.6896



72.9430, 58.7817, 92.2955



75.6799, 58.7817, 63.2765

Triad

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



72.9430, 58.7817, 92.2955



55.6159, 58.7817, 25.2959



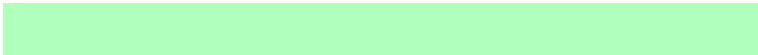
41.9037, 58.7817, 93.9178

Complementary

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



72.9430, 58.7817, 92.2955



62.7434, 84.3818, 60.5600

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.



39.8594, 58.7817, 64.7356



72.9430, 58.7817, 92.2955



47.2178, 58.7817, 29.3816

Square

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



72.9430, 58.7817, 92.2955



65.0305, 58.7817, 28.9495



41.6938, 58.7817, 42.1788



47.6133, 58.7817, 119.7942

Rectangle

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



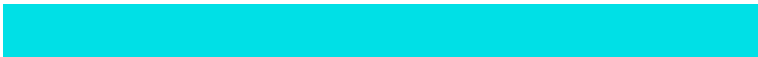
72.9430, 58.7817, 92.2955



74.2648, 58.7817, 47.5042



41.6938, 58.7817, 42.1788



40.7954, 58.7817, 83.9385

Sweetspot

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



72.9443, 58.7840, 92.2967



87.6044, 85.9989, 103.6743



54.2798, 48.9459, 101.1944



18.5107, 17.9572, 22.0165



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.



72.9443, 58.7840, 92.2967



69.7515, 52.9587, 89.5055



67.6240, 56.6559, 64.2807



18.6671, 18.2501, 22.1300



28.0882, 13.7246, 35.4443



2.7655, 1.3486, 3.6128

Inverse Universe

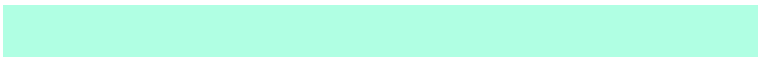
The Inverse Universe completely reimagines the original color for something new.



72.9443, 58.7840, 92.2967



69.7515, 52.9587, 89.5055



67.5796, 86.3163, 86.0269



18.6671, 18.2501, 22.1300



28.0882, 13.7246, 35.4443



2.7655, 1.3486, 3.6128

Previews

White Background



This preview shows how the XYZ color 72.9430, 58.7817, 92.2955 looks on a white background.

Color Contrast Check

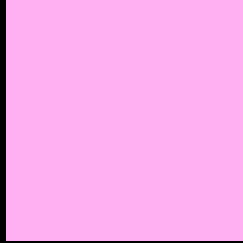
Large Text (above 18pt) WCAG AA × Fail

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 72.9430, 58.7817, 92.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

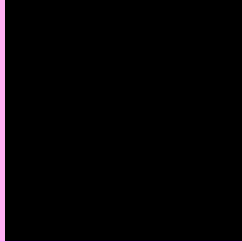
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9430, 58.7817, 92.2955

Background



This preview shows how black text looks on a background with the XYZ color 72.9430, 58.7817, 92.2955.



This preview shows how white text looks on a background with the XYZ color 72.9430, 58.7817,

92.2955.

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

72.9430, 58.7817, 92.2955

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4481, 59.0019, 89.8639



Tritanopia

66.5162, 58.5442, 61.8272

Trichromacy



Original Color

72.9430, 58.7817, 92.2955



Protanomaly

63.1948, 58.2237, 99.1744



Deuteranomaly

64.3572, 58.3744, 90.3135



Tritanomaly

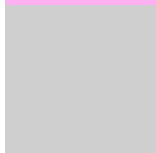
68.5733, 58.4633, 71.9603

Monochromacy



Original Color

72.9430, 58.7817, 92.2955



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.3987, 60.4945, 76.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9430, 58.7817, 92.2955 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, 176, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 243)  
}
```

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, 176, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 243) }
```

Border

The CSS property to change the border of an element to XYZ 72.9430, 58.7817, 92.2955 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, 176, 243) }
```


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

```
.border{ border-color:rgb(255, 176, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9430, 58.7817, 92.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 243) }
```

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

```
.background{ background-color: rgb(255,  
176, 243) }
```

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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