

Converting Colors

XYZ(74.8663, 61.0422, 88.6966)

Have a look what the booklet for
XYZ(74.8663, 61.0422, 88.6966)
contains.

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Color

**XYZ(72.9939, 60.0756,
88.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4EE
RGB	255, 180, 238
RGB Percent	100%, 71%, 93%
CMY	0.0000, 0.2941, 0.0667
CMYK	0.00, 0.29, 0.07, 0.00
HSL	314°, 100%, 85%
HSV	314°, 29%, 100%
XYZ	72.9939, 60.0756, 88.6375
YIQ	209.0370, 26.0820, 33.9380

Conversions

Conversions Part 2

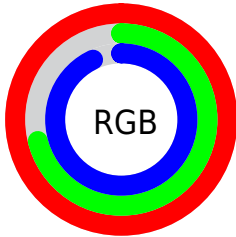
Format	Color
R _Y B	255, 180, 238
Decimal	16757998
CIE Lab	81.88, 35.99, -17.99
CIE LCh	82, 40.233, 333.443
Yxy	60.0756, 0.3292, 0.2710
Android (android.graphics.Color)	4294948078 (0xFFFFB4EE)
YUV	209.0370, 14.2788, 40.3096
Hunter-Lab	77.5085, 32.4633, -13.5472

Details

The XYZ color **72.9939, 60.0756, 88.6375** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6624, 85.2555, 65.8741**, and the grayscale version is **60.5277, 63.6799, 69.3474**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **38.9303, 30.1694, 48.0274** is the 20% darker color. If you saturate the color by 10%, you get **67.4762, 50.3773, 82.6761**, and if you desaturate by 10%, it is **79.4885, 71.6835, 95.0607**.

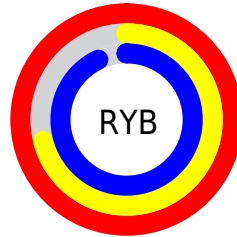
Distribution



Red (100%)

Green (71%)

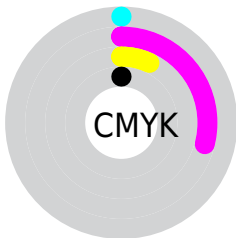
Blue (93%)



Red (100%)

Yellow (71%)

Blue (93%)

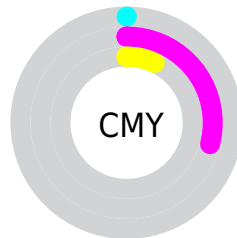


Cyan (0%)

Magenta (29%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9939, 60.0756, 88.6375 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 72.9939, 60.0756, 88.6375 by changing the saturation by 10% instead.


 72.9939, 60.0756,
88.6375

 72.9939, 60.0756,
88.6375


460.0978,
424.8764, 544.0440

 54.2593, 43.4796,
66.2838


 122.4717,
104.9393, 147.3633

 39.0405, 30.2616,
48.0449


153.9457,
133.9758, 184.5725

 26.9721, 20.0372,
33.5022


190.3969,
167.9279, 227.5706

 17.6888, 12.4221,
22.2372

232.1905,
207.1800, 276.7762

 10.8251, 7.0318,
13.8313

279.6921,
252.1165, 332.6078

 6.0158, 3.4820,
7.8660

333.2670,

 2.8954, 1.3883,

303.1218, 395.4839

3.9228

393.2804,
360.5803, 465.8231

■ 1.0987, 0.2080,
1.5831

■ 0.0240, 0.0000,
0.2787

■ 72.9939, 60.0756,
88.6375

■ 72.9939, 60.0756,
88.6375

■ 67.4762, 50.3773,
82.6761

■ 79.4885, 71.6835,
95.0607

■ 62.8791, 42.4773,
77.1540

■ 87.0042, 85.2898,
101.9592

■ 59.1467, 36.2639,
72.0522

95.0500, 100.0000,
108.9000

■ 56.2152, 31.6098,
67.3481

■ 54.0118, 28.3698,
63.0162

■ 52.4498, 26.3712,
59.0262

■ 51.3965, 25.3487,
55.3326

■ 51.3409, 25.3004,
55.1206

Harmonies

Analogous

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



66.5841, 60.0756, 112.7313



72.9939, 60.0756, 88.6375



75.0076, 60.0756, 62.6427

Triad

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



72.9939, 60.0756, 88.6375



56.1247, 60.0756, 28.9444



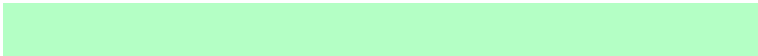
44.5249, 60.0756, 94.7308

Complementary

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



72.9939, 60.0756, 88.6375



64.6624, 85.2555, 65.8741

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.



42.2969, 60.0756, 68.2620



72.9939, 60.0756, 88.6375



48.5623, 60.0756, 33.6250

Square

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



72.9939, 60.0756, 88.6375



64.7194, 60.0756, 31.8542



43.6990, 60.0756, 46.6457



50.1035, 60.0756, 116.8182

Rectangle

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



72.9939, 60.0756, 88.6375



73.4368, 60.0756, 48.5094



43.6990, 60.0756, 46.6457



43.3858, 60.0756, 85.8454

Sweetspot

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



72.9952, 60.0780, 88.6387



87.3343, 85.8908, 102.2520



57.2037, 51.6349, 101.5593



18.4437, 17.9304, 21.6642



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.



72.9952, 60.0780, 88.6387



69.7930, 54.4265, 85.2498



68.1350, 58.1340, 63.0452



18.6061, 18.2258, 21.8089



26.8861, 13.2437, 29.1145



2.6589, 1.3059, 3.0509

Inverse Universe

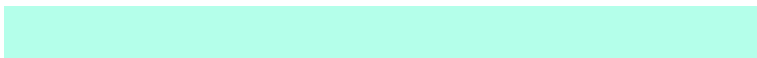
The Inverse Universe completely reimagines the original color for something new.



72.9952, 60.0780, 88.6387



69.7930, 54.4265, 85.2498



69.3994, 87.1503, 90.8189



18.6061, 18.2258, 21.8089



26.8861, 13.2437, 29.1145



2.6589, 1.3059, 3.0509

Previews

White Background



This preview shows how the XYZ color 72.9939, 60.0756, 88.6375 looks on a white background.

Color Contrast Check

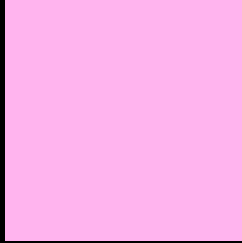
Large Text (above 18pt) WCAG AA × Fail

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 72.9939, 60.0756, 88.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

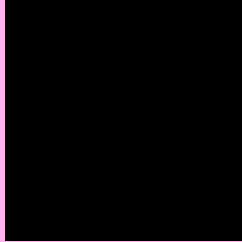
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9939, 60.0756, 88.6375

Background



This preview shows how black text looks on a background with the XYZ color 72.9939, 60.0756, 88.6375.



This preview shows how white text looks on a background with the XYZ color 72.9939, 60.0756,

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

72.9939, 60.0756, 88.6375

Protanopia

60.5884, 60.5394, 101.4204

Deuteranopia

61.5692, 60.3427, 86.2442



Tritanopia

67.7373, 60.0817, 63.2851

Trichromacy



Original Color

72.9939, 60.0756, 88.6375



Protanomaly

64.2594, 59.8080, 96.9642



Deuteranomaly

65.2091, 59.8662, 86.7157



Tritanomaly

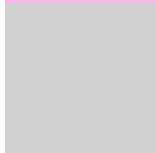
69.4230, 59.8315, 71.5080

Monochromacy



Original Color

72.9939, 60.0756, 88.6375



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.4764, 61.7242, 76.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9939, 60.0756, 88.6375 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, 180, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 238)  
}
```

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, 180, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.9939, 60.0756, 88.6375 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, 180, 238) }
```


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

```
.border{ border-color:rgb(255, 180, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9939, 60.0756, 88.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 238) }
```

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

```
.background{ background-color: rgb(255,  
180, 238) }
```

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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