

Converting Colors

XYZ(73.8951, 62.0186, 96.8269)

Have a look what the booklet for
XYZ(73.8951, 62.0186, 96.8269)
contains.

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Color

**XYZ(73.7166, 61.7992,
96.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB9F8
RGB	250, 185, 248
RGB Percent	98%, 73%, 97%
CMY	0.0196, 0.2745, 0.0274
CMYK	0.00, 0.26, 0.01, 0.02
HSL	302°, 87%, 85%
HSV	302°, 26%, 98%
XYZ	73.7166, 61.7992, 96.8501
YIQ	211.6170, 18.5170, 33.3730

Conversions

Conversions Part 2

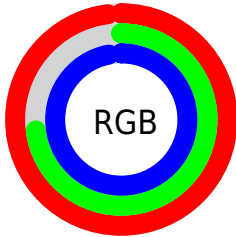
Format	Color
R _Y B	250, 185, 248
Decimal	16431608
CIE Lab	82.81, 33.50, -21.99
CIE LCh	83, 40.069, 326.720
Yxy	61.7992, 0.3172, 0.2660
Android (android.graphics.Color)	4294621688 (0xFFFFAB9F8)
YUV	211.6170, 17.9368, 33.6619
Hunter-Lab	78.6125, 29.8115, -18.0162

Details

The XYZ color **73.7166, 61.7992, 96.8501** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.1653, 82.2754, 59.5687**, and the grayscale version is **62.2030, 65.4424, 71.2668**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **39.5126, 31.3316, 53.2553** is the 20% darker color. If you saturate the color by 10%, you get **68.8210, 52.1975, 94.6311**, and if you desaturate by 10%, it is **79.5361, 73.2455, 99.3809**.

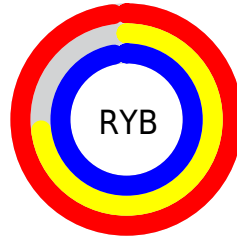
Distribution



Red (98%)

Green (73%)

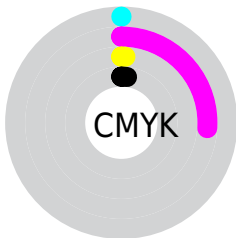
Blue (97%)



Red (98%)

Yellow (73%)

Blue (97%)

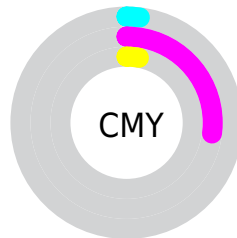


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (2%)



Cyan (2%)


Magenta (27%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7166, 61.7992, 96.8501 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 73.7166, 61.7992, 96.8501 by changing the saturation by 10% instead.


 73.7166, 61.7992,
96.8501

 73.7166, 61.7992,
96.8501

462.5601,
431.1983, 571.2060

 54.8526, 44.8705,
73.0704


 123.4916,
107.4353, 158.8356

 39.5171, 31.3554,
53.5414

155.1334,
136.9114, 197.8785

 27.3447, 20.8696,
37.8444


191.7651,
171.3388, 242.8462

 17.9702, 13.0287,
25.5611

233.7520,
211.1018, 294.1573

 11.0282, 7.4483,
16.2728

281.4597,
256.5849, 352.2303

 6.1532, 3.7440,
9.5609

335.2533,

 2.9800, 1.5314,

308.1724, 417.4837

5.0070

395.4984,
366.2487, 490.3361

■ 1.1432, 0.3107,
2.1926

■ 0.0608, 0.0000,
0.6701

■ 73.7166, 61.7992,
96.8501

■ 73.7166, 61.7992,
96.8501

■ 68.8210, 52.1975,
94.6311

■ 79.5361, 73.2455,
99.3809

■ 64.7952, 44.3359,
92.7037

■ 86.3182, 86.6176,
102.2343

■ 61.5888, 38.1122,
91.0519

■ 92.4889, 98.7659,
104.8863

■ 59.1435, 33.4099,
89.6562

■ 92.6100, 98.8143,
105.5242

57.3935, 30.0975,
88.4947

92.7317, 98.8630,
106.1648

56.2619, 28.0209,
87.5417

92.8538, 98.9118,
106.8079

55.6530, 26.9893,
86.7654

92.9764, 98.9609,
107.4536

55.4981, 26.7536,
86.4849

93.0995, 99.0101,
108.1020

93.2232, 99.0596,
108.7529

Harmonies

Analogous

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



66.5122, 61.7992, 119.2325



73.7166, 61.7992, 96.8501



76.8930, 61.7992, 70.0424

Triad

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



73.7166, 61.7992, 96.8501



59.6921, 61.7992, 30.1464



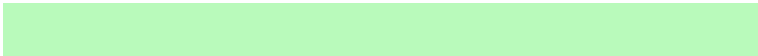
45.1395, 61.7992, 90.9742

Complementary

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



73.7166, 61.7992, 96.8501



63.1653, 82.2754, 59.5687

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.



43.6928, 61.7992, 64.6083



73.7166, 61.7992, 96.8501



51.5950, 61.7992, 33.1648

Square

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



73.7166, 61.7992, 96.8501



68.3133, 61.7992, 34.8891



45.9401, 61.7992, 44.4529



50.1026, 61.7992, 115.2982

Rectangle

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



73.7166, 61.7992, 96.8501



76.0896, 61.7992, 54.5328



45.9401, 61.7992, 44.4529



44.2482, 61.7992, 81.8934

Sweetspot

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



73.7185, 61.8019, 96.8514



88.7830, 87.6275, 106.3131



54.8770, 52.0527, 97.5987



18.7671, 18.2902, 22.6567



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.



73.7185, 61.8019, 96.8514



74.4162, 59.3553, 100.1017



69.2242, 60.0042, 73.1845



17.9686, 17.5148, 21.6904



29.4479, 14.1949, 45.9285



2.7345, 1.3175, 4.2910

Inverse Universe

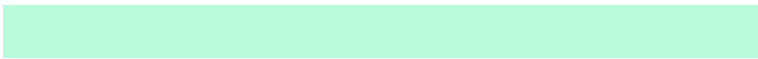
The Inverse Universe completely reimagines the original color for something new.



73.7185, 61.8019, 96.8514



74.4162, 59.3553, 100.1017



66.9269, 83.7800, 79.3768



17.9686, 17.5148, 21.6904



29.4479, 14.1949, 45.9285



2.7345, 1.3175, 4.2910

Previews

White Background



This preview shows how the XYZ color 73.7166, 61.7992, 96.8501 looks on a white background.

Color Contrast Check

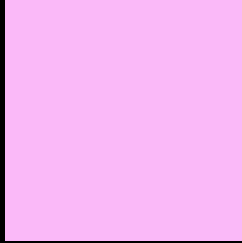
Large Text (above 18pt) WCAG AA × Fail

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 73.7166, 61.7992, 96.8501 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 73.7166, 61.7992, 96.8501

Background



This preview shows how black text looks on a background with the XYZ color 73.7166, 61.7992, 96.8501.



This preview shows how white text looks on a background with the XYZ color 73.7166, 61.7992,

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

73.7166, 61.7992, 96.8501

Protanopia

62.1295, 62.3520, 103.3683

Deuteranopia

63.6144, 62.2435, 95.0476



Tritanopia

67.6407, 61.8780, 67.4101

Trichromacy



Original Color

73.7166, 61.7992, 96.8501



Protanomaly

65.4963, 61.7126, 100.5552



Deuteranomaly

66.8059, 61.8217, 95.6005



Tritanomaly

69.6043, 61.6937, 77.3468

Monochromacy



Original Color

73.7166, 61.7992, 96.8501



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.0752, 63.8461, 80.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7166, 61.7992, 96.8501 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(250, 185, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 248)  
}
```

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(250, 185, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.7166, 61.7992, 96.8501 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(250, 185, 248) }
```


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

```
.border{ border-color:rgb(250, 185, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 185, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 185, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 185,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7166, 61.7992, 96.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 248) }
```

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

```
.background{ background-color: rgb(250,  
185, 248) }
```

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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