

Converting Colors

XYZ(73.8047, 60.6896, 95.3215)

Have a look what the booklet for
XYZ(73.8047, 60.6896, 95.3215)
contains.

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Color

**XYZ(73.6664, 60.5842,
95.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB5F6
RGB	253, 181, 246
RGB Percent	99%, 71%, 96%
CMY	0.0078, 0.2902, 0.0353
CMYK	0.00, 0.28, 0.03, 0.01
HSL	306°, 95%, 85%
HSV	306°, 28%, 99%
XYZ	73.6664, 60.5842, 95.0001
YIQ	209.9380, 22.0470, 35.4790

Conversions

Conversions Part 2

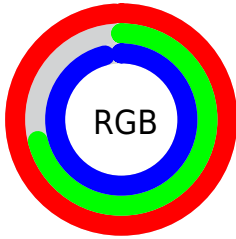
Format	Color
R _Y B	253, 181, 246
Decimal	16627190
CIE Lab	82.15, 36.20, -21.88
CIE LCh	82, 42.300, 328.854
Yxy	60.5842, 0.3213, 0.2643
Android (android.graphics.Color)	4294817270 (0xFFFD B5F6)
YUV	209.9380, 17.7786, 37.7654
Hunter-Lab	77.8359, 32.7255, -17.8794

Details

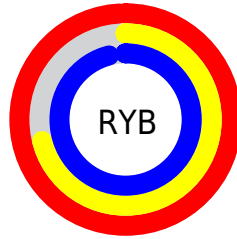
The XYZ color **73.6664, 60.5842, 95.0001** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.2609, 83.7070, 60.4032**, and the grayscale version is **61.0964, 64.2782, 69.9990**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **39.3893, 30.4986, 52.5260** is the 20% darker color. If you saturate the color by 10%, you get **68.6072, 51.0650, 91.4637**, and if you desaturate by 10%, it is **79.6685, 71.9789, 98.8768**.

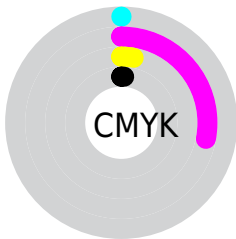
Distribution



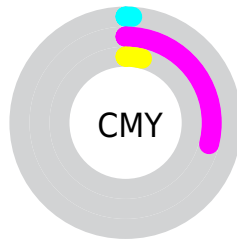
- Red (99%)
- Green (71%)
- Blue (96%)



- Red (99%)
- Yellow (71%)
- Blue (96%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6664, 60.5842, 95.0001 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 73.6664, 60.5842, 95.0001 by changing the saturation by 10% instead.


 73.6664, 60.5842,
95.0001

 73.6664, 60.5842,
95.0001


462.3893,
426.7478, 565.1496

 54.8114, 43.8897,
71.5382


 123.4208,
105.6767, 156.2603

 39.4840, 30.5838,
52.2970

155.0509,
134.8434, 194.8957

 27.3188, 20.2821,
36.8580


191.6701,
168.9363, 239.4260

 17.9506, 12.6003,
24.8026

233.6437,
208.3399, 290.2697

 11.0140, 7.1539,
15.7124

281.3370,
253.4384, 347.8453

 6.1436, 3.5585,
9.1687

335.1155,

 2.9741, 1.4298,

304.6163, 412.5715

4.7531

395.3445,
362.2579, 484.8668

■ 1.1401, 0.2385,
2.0469

■ 0.0583, 0.0000,
0.5839

■ 73.6664, 60.5842,
95.0001

■ 73.6664, 60.5842,
95.0001

■ 68.6072, 51.0650,
91.4637

■ 79.6685, 71.9789,
98.8768

■ 64.4345, 43.3120,
88.2467

■ 86.6545, 85.3346,
103.1056

■ 61.0949, 37.2172,
85.3319

■ 94.0589, 99.5191,
107.4987

■ 58.5267, 32.6572,
82.6986

■ 94.3185, 99.6229,
108.8658

■ 56.6597, 29.4919,
80.3233

■ 55.4108, 27.5549,
78.1783

■ 54.6632, 26.6126,
76.2245

■ 54.5679, 26.5067,
75.9318

Harmonies

Analogous

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



66.3270, 60.5842, 119.4662



73.6664, 60.5842, 95.0001



76.6353, 60.5842, 66.9601

Triad

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



73.6664, 60.5842, 95.0001



57.9296, 60.5842, 27.8404



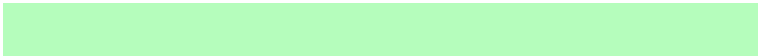
43.7421, 60.5842, 92.8316

Complementary

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



73.6664, 60.5842, 95.0001



63.2609, 83.7070, 60.4032

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.



41.9839, 60.5842, 64.9815



73.6664, 60.5842, 95.0001



49.6442, 60.5842, 31.4344

Square

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



73.6664, 60.5842, 95.0001



66.9866, 60.5842, 32.0419



44.0303, 60.5842, 43.5467



49.1042, 60.5842, 118.0024

Rectangle

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



73.6664, 60.5842, 95.0001



75.5237, 60.5842, 51.2374



44.0303, 60.5842, 43.5467



42.7362, 60.5842, 83.2767

Sweetspot

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



73.6683, 60.5869, 95.0014



87.8035, 86.0785, 104.7224



54.7497, 50.7075, 99.8315



18.5600, 17.9769, 22.2765



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.



73.6683, 60.5869, 95.0014



72.0203, 56.0650, 94.6740



68.7919, 58.6363, 69.3228



18.7120, 18.2681, 22.3667



29.0582, 14.1126, 40.5526



2.8505, 1.3826, 4.0600

Inverse Universe

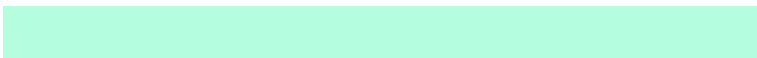
The Inverse Universe completely reimagines the original color for something new.



73.6683, 60.5869, 95.0014



72.0203, 56.0650, 94.6740



67.5028, 85.4038, 82.7411



18.7120, 18.2681, 22.3667



29.0582, 14.1126, 40.5526



2.8505, 1.3826, 4.0600

Previews

White Background



This preview shows how the XYZ color 73.6664, 60.5842, 95.0001 looks on a white background.

Color Contrast Check

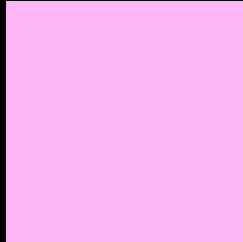
Large Text (above 18pt) WCAG AA × Fail

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 73.6664, 60.5842, 95.0001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

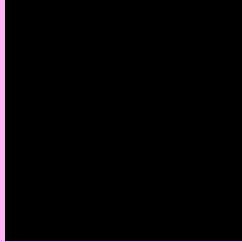
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6664, 60.5842, 95.0001

Background



This preview shows how black text looks on a background with the XYZ color 73.6664, 60.5842, 95.0001.



This preview shows how white text looks on a background with the XYZ color 73.6664, 60.5842,

95.0001.

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

73.6664, 60.5842, 95.0001

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.1349, 60.8412, 92.4731



Tritanopia

67.4545, 60.5290, 65.2548

Trichromacy



Original Color

73.6664, 60.5842, 95.0001



Protanomaly

64.8174, 60.3546, 100.3288



Deuteranomaly

65.6791, 60.2990, 92.9712



Tritanomaly

69.4120, 60.3720, 75.0124

Monochromacy



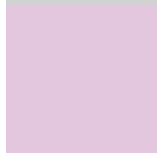
Original Color

73.6664, 60.5842, 95.0001



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

65.1067, 62.3433, 78.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6664, 60.5842, 95.0001 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(253, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 246)  
}
```

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(253, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.6664, 60.5842, 95.0001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

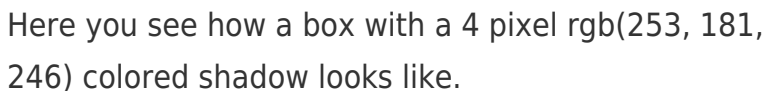
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 181, 246) }
```


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

```
.border{ border-color:rgb(253, 181, 246) }
```

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



Here you see how a box with a 4 pixel rgb(253, 181, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6664, 60.5842, 95.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 246) }
```

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

```
.background{ background-color: rgb(253,  
181, 246) }
```

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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