

Converting Colors

XYZ(75.6394, 67.6127, 86.1547)

Have a look what the booklet for
XYZ(75.6394, 67.6127, 86.1547)
contains.

XYZ(75.6394, 67.6127, 86.1547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.6394, 67.6127,
86.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC7E9
RGB	253, 199, 233
RGB Percent	99%, 78%, 91%
CMY	0.0078, 0.2196, 0.0863
CMYK	0.00, 0.21, 0.08, 0.01
HSL	322°, 93%, 89%
HSV	322°, 21%, 99%
XYZ	75.6394, 67.6127, 86.1547
YIQ	219.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

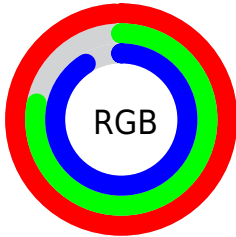
Format	Color
R _Y B	253, 199, 233
Decimal	16631785
CIE Lab	85.81, 24.50, -9.45
CIE LCh	86, 26.259, 338.916
Yxy	67.6127, 0.3297, 0.2947
Android (android.graphics.Color)	4294821865 (0xFFFDC7E9)
YUV	219.0220, 6.8912, 29.7987
Hunter-Lab	82.2269, 20.3025, -4.5633

Details

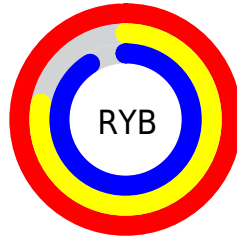
The XYZ color **75.6394, 67.6127, 86.1547** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4674, 87.5090, 80.1461**, and the grayscale version is **67.2923, 70.7967, 77.0976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8262, 35.1609, 46.2299** is the 20% darker color. If you saturate the color by 10%, you get **68.9921, 56.4032, 77.5089**, and if you desaturate by 10%, it is **83.3294, 80.7920, 95.5005**.

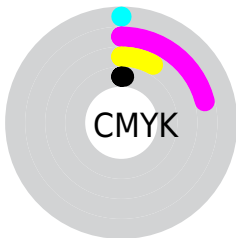
Distribution



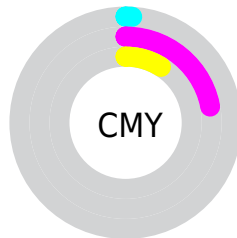
- Red (99%)
- Green (78%)
- Blue (91%)



- Red (99%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6394, 67.6127, 86.1547 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 75.6394, 67.6127, 86.1547 by changing the saturation by 10% instead.

75.6394, 67.6127,
86.1547

75.6394, 67.6127,
86.1547

469.0758,
452.1226, 535.6851

56.4329, 49.5827,
64.2403

126.2001,
115.7979, 143.8738

40.7885, 35.0819,
46.3979

158.2850,
146.7219, 180.5156

28.3408, 23.7260,
32.2090

195.3935,
182.7127, 222.9035

18.7245, 15.1305,
21.2550

237.8908,
224.1547, 271.4562

11.5742, 8.9110,
13.1175

286.1423,
271.4323, 326.5922

6.5246, 4.6832,
7.3778

340.5134,

3.2102, 2.0626,

324.9299, 388.7299

3.6175

401.3695,
385.0318, 458.2881

■ 1.2659, 0.6435,
1.4179

■ 0.1575, 0.0000,
0.1556

■ 75.6394, 67.6127,
86.1547

■ 75.6394, 67.6127,
86.1547

■ 68.9921, 56.4032,
77.5089

■ 83.3294, 80.7920,
95.5005

■ 63.3328, 47.0585,
69.5370

■ 92.1019, 96.0216,
105.5623

■ 58.6104, 39.4773,
62.2173

■ 94.3184, 99.6229,
108.8658

■ 54.7668, 33.5454,
55.5248

■ 51.7370, 29.1346,
49.4321

■ 49.4465, 26.0977,
43.9082

■ 47.8059, 24.2580,
38.9174

■ 46.7916, 23.3961,
34.9823

Harmonies

Analogous

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



71.7861, 67.6127, 102.4322



75.6394, 67.6127, 86.1547



76.3471, 67.6127, 68.6163

Triad

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



75.6394, 67.6127, 86.1547



62.4925, 67.6127, 45.5661



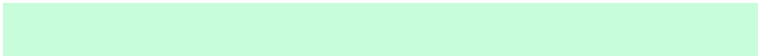
55.6996, 67.6127, 96.3834

Complementary

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



75.6394, 67.6127, 86.1547



71.4674, 87.5090, 80.1461

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.



53.5279, 67.6127, 78.8586



75.6394, 67.6127, 86.1547



57.2863, 67.6127, 50.7890

Square

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



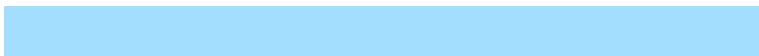
75.6394, 67.6127, 86.1547



68.5037, 67.6127, 46.8953



54.0901, 67.6127, 62.3619



60.2027, 67.6127, 108.9471

Rectangle

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



75.6394, 67.6127, 86.1547



74.8995, 67.6127, 58.7719



54.0901, 67.6127, 62.3619



54.6859, 67.6127, 90.7764

Sweetspot

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



75.6414, 67.6157, 86.1561



89.4627, 90.2640, 102.6025



67.3091, 62.9712, 101.5365



19.0238, 19.1034, 21.8179



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.



75.6414, 67.6157, 86.1561



73.7183, 63.2643, 83.5149



72.0988, 66.1987, 67.5010



18.4905, 18.1795, 21.2004



24.9639, 12.4749, 18.9924



2.4835, 1.2358, 2.1273

Inverse Universe

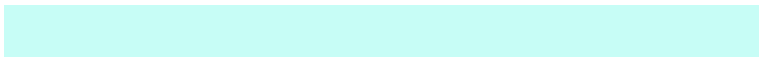
The Inverse Universe completely reimagines the original color for something new.



75.6414, 67.6157, 86.1561



73.7183, 63.2643, 83.5149



75.2845, 89.0359, 100.2471



18.4905, 18.1795, 21.2004



24.9639, 12.4749, 18.9924



2.4835, 1.2358, 2.1273

Previews

White Background



This preview shows how the XYZ color 75.6394, 67.6127, 86.1547 looks on a white background.

Color Contrast Check

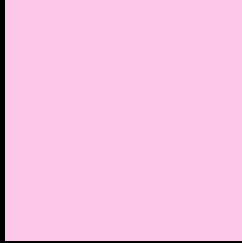
Large Text (above 18pt) WCAG AA × Fail

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 75.6394, 67.6127, 86.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

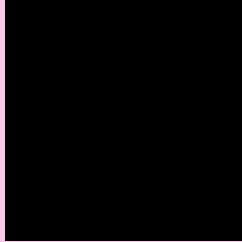
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6394, 67.6127, 86.1547

Background



This preview shows how black text looks on a background with the XYZ color 75.6394, 67.6127, 86.1547.



This preview shows how white text looks on a background with the XYZ color 75.6394, 67.6127,

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

75.6394, 67.6127, 86.1547

Protanopia

66.6852, 67.8482, 93.5857

Deuteranopia

69.2192, 67.8644, 85.0522



Tritanopia

73.4286, 67.7600, 74.8545

Trichromacy



Original Color

75.6394, 67.6127, 86.1547

Protanomaly

69.4999, 67.5125, 91.0295

Deuteranomaly

71.3219, 67.4934, 85.6124

Tritanomaly

74.3508, 67.7964, 78.9793

Monochromacy



Original Color

75.6394, 67.6127, 86.1547

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.9530, 69.4577, 80.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6394, 67.6127, 86.1547 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, 199, 233)` looks like.

```
.text, #text, p{  
    color:rgb(253, 199, 233)  
}
```

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, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 199, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.6394, 67.6127, 86.1547 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, 199, 233) }
```


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

```
.border{ border-color:rgb(253, 199, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 199, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 199, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 199, 233);  
box-shadow:4px 4px 4px 4px rgb(253, 199,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6394, 67.6127, 86.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 199, 233) }
```

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

```
.background{ background-color: rgb(253,  
199, 233) }
```

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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