

Converting Colors

XYZ(101.1137, 80.5992,
81.3760)

Have a look what the booklet for
XYZ(101.1137, 80.5992, 81.3760)
contains.

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Color

**XYZ(75.0247, 67.0844,
80.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E1
RGB	255, 198, 225
RGB Percent	100%, 78%, 88%
CMY	0.0000, 0.2235, 0.1176
CMYK	0.00, 0.22, 0.12, 0.00
HSL	332°, 100%, 89%
HSV	332°, 22%, 100%
XYZ	75.0247, 67.0844, 80.2285
YIQ	218.1210, 25.3050, 20.4810

Conversions

Conversions Part 2

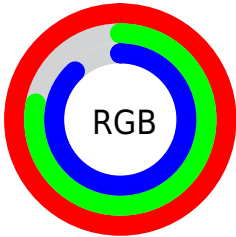
Format	Color
R_{YB}	255, 198, 225
Decimal	16762593
CIE _{Lab}	85.55, 24.39, -5.56
CIE _{LCh}	86, 25.014, 347.153
Y _{xy}	67.0844, 0.3374, 0.3017
Android (android.graphics.Color)	4294952673 (0xFFFFC6E1)
Y_{UV}	218.1210, 3.3913, 32.3429
Hunter-Lab	81.9051, 20.1714, -0.7428

Details

The XYZ color **75.0247, 67.0844, 80.2285** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0545, 89.1283, 86.7553**, and the grayscale version is **66.6905, 70.1636, 76.4082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5177, 34.8546, 42.6223** is the 20% darker color. If you saturate the color by 10%, you get **67.9197, 55.6903, 69.1791**, and if you desaturate by 10%, it is **83.2579, 80.5041, 92.3659**.

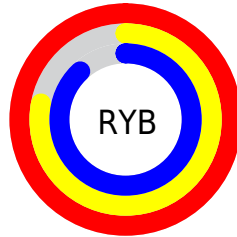
Distribution



Red (100%)

Green (78%)

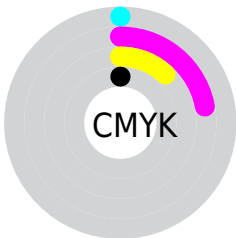
Blue (88%)



Red (100%)

Yellow (78%)

Blue (88%)

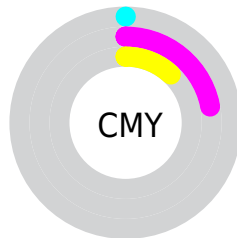


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0247, 67.0844, 80.2285 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 75.0247, 67.0844, 80.2285 by changing the saturation by 10% instead.


 75.0247, 67.0844,
80.2285

 75.0247, 67.0844,
80.2285


466.9983,
450.2451, 515.4296

 55.9274, 49.1532,
59.3791


125.3350,
115.0413, 135.5012

 40.3815, 34.7410,
42.4964

157.2788,
145.8359, 170.7617

 28.0216, 23.4635,
29.1617


194.2353,
181.6870, 211.6629

 18.4825, 14.9361,
18.9565

236.5701,
222.9791, 258.6235

 11.3987, 8.7745,
11.4624

284.6485,
270.0966, 312.0619

 6.4050, 4.5944,
6.2607

338.8357,

 3.1358, 2.0113,

323.4238, 372.3967

2.9329

399.4972,
383.3452, 440.0464

■ 1.2260, 0.6140,
1.0605

■ 0.1267, 0.0000,
0.0000

■ 75.0247, 67.0844,
80.2285

■ 75.0247, 67.0844,
80.2285

■ 67.9197, 55.6903,
69.1791

■ 83.2579, 80.5041,
92.3659

■ 61.8859, 46.2138,
59.1798

■ 92.6637, 96.0335,
105.6192

■ 56.8681, 38.5497,
50.1963

95.0500, 100.0000,
108.9000

■ 52.8040, 32.5791,
42.1904

■ 49.6242, 28.1688,
35.1206

■ 47.2487, 25.1652,
28.9414

■ 45.5815, 23.3831,
23.6008

■ 44.6778, 22.6351,
20.0331

Harmonies

Analogous

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



72.1170, 67.0844, 96.4700



75.0247, 67.0844, 80.2285



74.7881, 67.0844, 64.1939

Triad

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



75.0247, 67.0844, 80.2285



60.5918, 67.0844, 47.0263



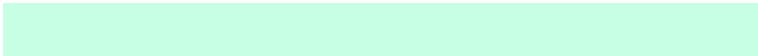
56.6127, 67.0844, 98.4857

Complementary

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



75.0247, 67.0844, 80.2285



73.0545, 89.1283, 86.7553

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.



53.8762, 67.0844, 82.6712



75.0247, 67.0844, 80.2285



56.0780, 67.0844, 53.7543

Square

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



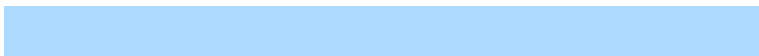
75.0247, 67.0844, 80.2285



66.2235, 67.0844, 46.5739



53.6864, 67.0844, 66.3008



61.3617, 67.0844, 108.0168

Rectangle

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



75.0247, 67.0844, 80.2285



72.8776, 67.0844, 55.7201



53.6864, 67.0844, 66.3008



55.4396, 67.0844, 93.6299

Sweetspot

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



75.0262, 67.0872, 80.2299



88.1416, 88.5448, 99.3163



70.0670, 64.0155, 103.2710



18.7444, 18.7515, 21.0865



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.



75.0262, 67.0872, 80.2299



71.5852, 61.5429, 74.9589



71.8470, 66.1640, 62.4139



18.3676, 18.1303, 20.5528



23.4193, 11.8570, 10.8584



2.3350, 1.1764, 1.3454

Inverse Universe

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



75.0262, 67.0872, 80.2299



71.5852, 61.5429, 74.9589



76.7980, 90.1420, 107.9592



18.3676, 18.1303, 20.5528



23.4193, 11.8570, 10.8584



2.3350, 1.1764, 1.3454

Previews

White Background



This preview shows how the XYZ color 75.0247, 67.0844, 80.2285 looks on a white background.

Color Contrast Check

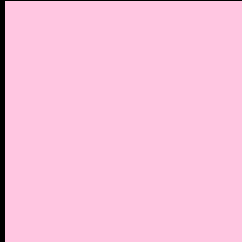
Large Text (above 18pt) WCAG AA × Fail

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 75.0247, 67.0844, 80.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

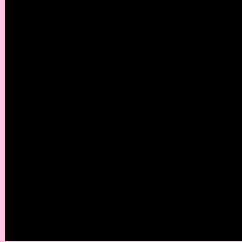
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0247, 67.0844, 80.2285

Background



This preview shows how black text looks on a background with the XYZ color 75.0247, 67.0844, 80.2285.



This preview shows how white text looks on a background with the XYZ color 75.0247, 67.0844,

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

75.0247, 67.0844, 80.2285

Protanopia

65.7969, 67.5261, 87.4079

Deuteranopia

68.8302, 67.4284, 79.1993



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

75.0247, 67.0844, 80.2285

Protanomaly

68.9746, 67.3753, 84.9707

Deuteranomaly

70.9826, 67.0928, 79.7300

Tritanomaly

74.0827, 67.0322, 76.0518

Monochromacy



Original Color

75.0247, 67.0844, 80.2285

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.3004, 68.7979, 78.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0247, 67.0844, 80.2285 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, 198, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 225)  
}
```

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, 198, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.0247, 67.0844, 80.2285 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, 198, 225) }
```


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

```
.border{ border-color:rgb(255, 198, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0247, 67.0844, 80.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 225) }
```

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

```
.background{ background-color: rgb(255,  
198, 225) }
```

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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