

Converting Colors

XYZ(81.0287, 69.8463, 84.7402)

Have a look what the booklet for
XYZ(81.0287, 69.8463, 84.7402)
contains.

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Color

**XYZ(75.6301, 66.9620,
84.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5E7
RGB	255, 197, 231
RGB Percent	100%, 77%, 91%
CMY	0.0000, 0.2274, 0.0941
CMYK	0.00, 0.23, 0.09, 0.00
HSL	325°, 100%, 89%
HSV	325°, 23%, 100%
XYZ	75.6301, 66.9620, 84.5401
YIQ	218.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

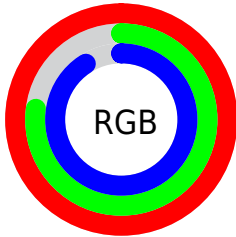
Format	Color
R_{YB}	255, 197, 231
Decimal	16762343
CIE _{Lab}	85.48, 25.89, -8.85
CIE _{LCh}	85, 27.364, 341.134
Yxy	66.9620, 0.3330, 0.2948
Android (android.graphics.Color)	4294952423 (0xFFFFC5E7)
YUV	218.2180, 6.3015, 32.2578
Hunter-Lab	81.8303, 21.7722, -3.9722

Details

The XYZ color **75.6301, 66.9620, 84.5401** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8392, 88.6118, 81.7273**, and the grayscale version is **66.7387, 70.2143, 76.4634**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **40.8490, 34.7458, 45.1111** is the 20% darker color. If you saturate the color by 10%, you get **68.8765, 55.7684, 75.1565**, and if you desaturate by 10%, it is **83.4558, 80.1557, 94.7262**.

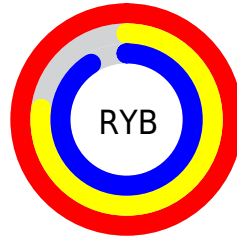
Distribution



Red (100%)

Green (77%)

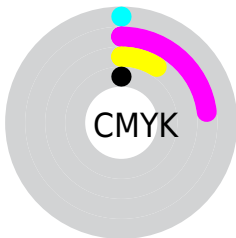
Blue (91%)



Red (100%)

Yellow (77%)

Blue (91%)

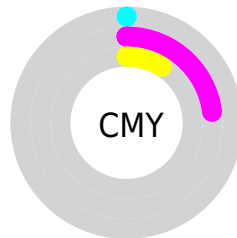


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6301, 66.9620, 84.5401 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 75.6301, 66.9620, 84.5401 by changing the saturation by 10% instead.


 75.6301, 66.9620,
84.5401

 75.6301, 66.9620,
84.5401


469.0444,
449.8095, 530.2099

 56.4252, 49.0537,
62.9135


126.1870,
114.8660, 141.5989

 40.7823, 34.6621,
45.3307


158.2698,
145.6305, 177.8682

 28.3359, 23.4027,
31.3731

195.3760,
181.4492, 219.8554

 18.7208, 14.8912,
20.6223

237.8708,
222.7064, 267.9791

 11.5715, 8.7430,
12.6596

286.1197,
269.7867, 322.6579

 6.5227, 4.5740,
7.0666

340.4881,

 3.2091, 1.9995,

323.0744, 384.3103

3.4247

401.3412,
382.9539, 453.3547

■ 1.2653, 0.6072,
1.3154

■ 0.1570, 0.0000,
0.0743

■ 75.6301, 66.9620,
84.5401

■ 75.6301, 66.9620,
84.5401

■ 68.8765, 55.7684,
75.1565

■ 83.4558, 80.1557,
94.7262

■ 63.1398, 46.4676,
66.5466

■ 92.3966, 95.4334,
105.7340

■ 58.3663, 38.9545,
58.6855

95.0500, 100.0000,
108.9000

■ 54.4955, 33.1106,
51.5447

■ 51.4594, 28.8027,
45.0932

■ 49.1797, 25.8773,
39.2962

■ 47.5620, 24.1481,
34.1133

■ 46.7030, 23.4452,
30.6979

Harmonies

Analogous

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



71.8303, 66.9620, 101.8280



75.6301, 66.9620, 84.5401



76.0987, 66.9620, 66.5022

Triad

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



75.6301, 66.9620, 84.5401



61.3667, 66.9620, 44.2337



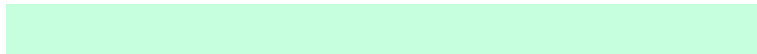
55.0666, 66.9620, 97.8068

Complementary

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



75.6301, 66.9620, 84.5401



71.8392, 88.6118, 81.7273

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.



52.6306, 66.9620, 79.7173



75.6301, 66.9620, 84.5401



56.1071, 66.9620, 50.0619

Square

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



75.6301, 66.9620, 84.5401



67.5862, 66.9620, 45.0948



52.9987, 66.9620, 62.3991



59.8608, 66.9620, 110.3063

Rectangle

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



75.6301, 66.9620, 84.5401



74.4263, 66.9620, 56.6153



52.9987, 66.9620, 62.3991



53.9593, 66.9620, 92.0654

Sweetspot

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



75.6315, 66.9647, 84.5415



88.4510, 88.6686, 100.9457



67.5944, 62.4026, 103.0900



18.8160, 18.7802, 21.4639



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.



75.6315, 66.9647, 84.5415



72.6280, 61.9600, 80.4498



71.9639, 65.4977, 65.2277



18.4561, 18.1657, 21.0188



24.4794, 12.2811, 16.4411



2.4379, 1.2175, 1.8873

Inverse Universe

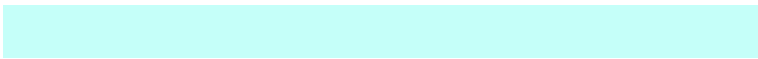
The Inverse Universe completely reimagines the original color for something new.



75.6315, 66.9647, 84.5415



72.6280, 61.9600, 80.4498



75.9177, 90.2432, 103.2040



18.4561, 18.1657, 21.0188



24.4794, 12.2811, 16.4411



2.4379, 1.2175, 1.8873

Previews

White Background



This preview shows how the XYZ color 75.6301, 66.9620, 84.5401 looks on a white background.

Color Contrast Check

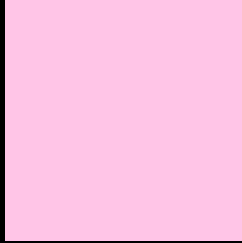
Large Text (above 18pt) WCAG AA × Fail

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 75.6301, 66.9620, 84.5401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

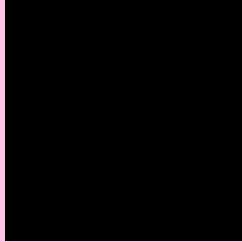
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6301, 66.9620, 84.5401

Background



This preview shows how black text looks on a background with the XYZ color 75.6301, 66.9620, 84.5401.



This preview shows how white text looks on a background with the XYZ color 75.6301, 66.9620,

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

75.6301, 66.9620, 84.5401

Protanopia

65.9990, 67.1395, 92.6998

Deuteranopia

68.6936, 67.2629, 83.4912



Tritanopia

73.4280, 67.0975, 73.3710

Trichromacy



Original Color

75.6301, 66.9620, 84.5401



Protanomaly

68.9629, 66.9088, 89.4007



Deuteranomaly

71.1357, 67.0760, 84.0606



Tritanomaly

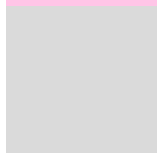
74.3476, 67.1381, 77.4470

Monochromacy



Original Color

75.6301, 66.9620, 84.5401



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.3209, 68.4098, 79.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6301, 66.9620, 84.5401 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, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 231)  
}
```

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, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.6301, 66.9620, 84.5401 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, 197, 231) }
```


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

```
.border{ border-color:rgb(255, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6301, 66.9620, 84.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 231) }
```

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

```
.background{ background-color: rgb(255,  
197, 231) }
```

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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