

Converting Colors

XYZ(74.3530, 64.5801, 87.1436)

Have a look what the booklet for
XYZ(74.3530, 64.5801, 87.1436)
contains.

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Color

**XYZ(74.3530, 64.5801,
87.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC0EB
RGB	253, 192, 235
RGB Percent	99%, 75%, 92%
CMY	0.0078, 0.2470, 0.0784
CMYK	0.00, 0.24, 0.07, 0.01
HSL	318°, 94%, 87%
HSV	318°, 24%, 99%
XYZ	74.3530, 64.5801, 87.1436
YIQ	215.1410, 22.5530, 26.3050

Conversions

Conversions Part 2

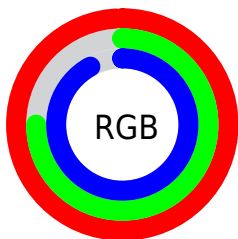
Format	Color
R _Y B	253, 192, 235
Decimal	16629995
CIE Lab	84.27, 28.52, -12.82
CIE LCh	84, 31.268, 335.803
Yxy	64.5801, 0.3289, 0.2857
Android (android.graphics.Color)	4294820075 (0xFFFD C0EB)
YUV	215.1410, 9.7905, 33.2023
Hunter-Lab	80.3617, 24.5203, -8.0404

Details

The XYZ color **74.3530, 64.5801, 87.1436** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4990, 86.1119, 73.9876**, and the grayscale version is **64.6135, 67.9784, 74.0285**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.9901, 33.1674, 46.9421** is the 20% darker color. If you saturate the color by 10%, you get **68.2124, 53.9883, 79.8864**, and if you desaturate by 10%, it is **81.4975, 77.1054, 94.9603**.

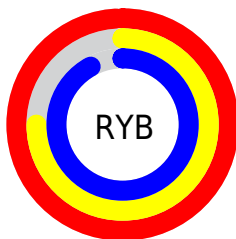
Distribution



Red (99%)

Green (75%)

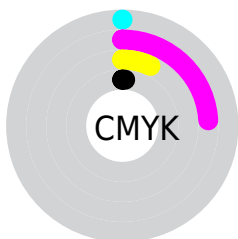
Blue (92%)



Red (99%)

Yellow (75%)

Blue (92%)

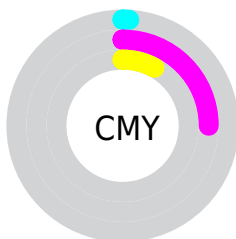


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (25%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3530, 64.5801, 87.1436 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 74.3530, 64.5801, 87.1436 by changing the saturation by 10% instead.


 74.3530, 64.5801,
87.1436

 74.3530, 64.5801,
87.1436

464.7223,
441.2815, 539.0231

 55.3753, 47.1207,
65.0537


 124.3889,
111.4460, 145.2649

 39.9373, 33.1311,
47.0530

156.1778,
141.6212, 182.1334

 27.6737, 22.2269,
32.7229


192.9679,
176.8038, 224.7653

 18.2190, 14.0237,
21.6449

235.1244,
217.3782, 273.5790

 11.2080, 8.1371,
13.4004

283.0127,
263.7288, 328.9931

 6.2752, 4.1828,
7.5709

336.9983,

 3.0554, 1.7764,

316.2399, 391.4261

3.7378

397.4463,
375.2960, 461.2966

■ 1.1831, 0.4724,
1.4826

■ 0.0930, 0.0000,
0.2049

■ 74.3530, 64.5801,
87.1436

■ 74.3530, 64.5801,
87.1436

■ 68.2124, 53.9883,
79.8864

■ 81.4975, 77.1054,
94.9603

■ 63.0206, 45.2234,
73.1654

■ 89.6862, 91.6465,
103.3504

■ 58.7258, 38.1819,
66.9613

■ 94.3184, 99.6228,
108.8658

■ 55.2688, 32.7462,
61.2517

■ 52.5829, 28.7838,
56.0113

■ 50.5907, 26.1409,
51.2115

■ 49.1979, 24.6298,
46.8179

■ 48.5784, 24.1108,
44.3918

Harmonies

Analogous

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



69.5096, 64.5801, 106.0229



74.3530, 64.5801, 87.1436



75.6126, 64.5801, 66.5293

Triad

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



74.3530, 64.5801, 87.1436



60.0443, 64.5801, 38.7784



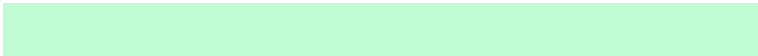
51.1980, 64.5801, 95.0821

Complementary

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



74.3530, 64.5801, 87.1436



68.4990, 86.1119, 73.9876

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.



49.0583, 64.5801, 74.2453



74.3530, 64.5801, 87.1436



53.9130, 64.5801, 43.6894

Square

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



74.3530, 64.5801, 87.1436



67.0056, 64.5801, 40.9403



50.0138, 64.5801, 55.8087



56.0812, 64.5801, 111.1765

Rectangle

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



74.3530, 64.5801, 87.1436



74.1739, 64.5801, 54.9822



50.0138, 64.5801, 55.8087



50.1515, 64.5801, 88.2663

Sweetspot

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



74.3549, 64.5830, 87.1450



88.7810, 88.8006, 102.6836



62.9568, 58.3912, 100.8818



18.8925, 18.8108, 21.8667



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.



74.3549, 64.5830, 87.1450



72.5073, 60.2214, 85.0258



70.4056, 63.0032, 66.3480



18.5508, 18.2036, 21.5178



25.9087, 12.8528, 23.9674



2.5706, 1.2706, 2.5860

Inverse Universe

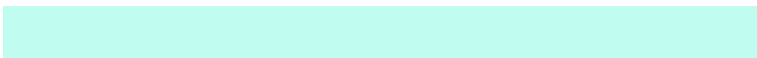
The Inverse Universe completely reimagines the original color for something new.



74.3549, 64.5830, 87.1450



72.5073, 60.2214, 85.0258



72.5617, 87.7370, 95.3816



18.5508, 18.2036, 21.5178



25.9087, 12.8528, 23.9674



2.5706, 1.2706, 2.5860

Previews

White Background



This preview shows how the XYZ color 74.3530, 64.5801, 87.1436 looks on a white background.

Color Contrast Check

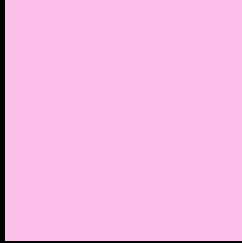
Large Text (above 18pt) WCAG AA × Fail

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 74.3530, 64.5801, 87.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

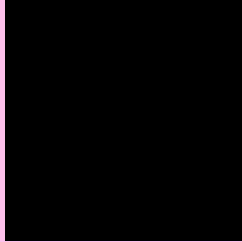
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3530, 64.5801, 87.1436

Background



This preview shows how black text looks on a background with the XYZ color 74.3530, 64.5801, 87.1436.



This preview shows how white text looks on a background with the XYZ color 74.3530, 64.5801,

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

74.3530, 64.5801, 87.1436

Protanopia

64.3369, 65.0921, 96.3619

Deuteranopia

66.3581, 64.9180, 86.1238



Tritanopia

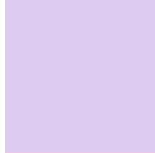
70.9221, 64.5070, 70.3411

Trichromacy



Original Color

74.3530, 64.5801, 87.1436



Protanomaly

67.5071, 64.6523, 92.9255



Deuteranomaly

69.1098, 64.5727, 86.6632



Tritanomaly

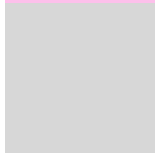
72.2170, 64.7068, 76.3935

Monochromacy



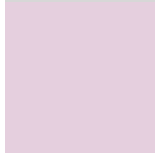
Original Color

74.3530, 64.5801, 87.1436



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.8107, 66.5576, 78.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3530, 64.5801, 87.1436 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, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 235)  
}
```

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, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.3530, 64.5801, 87.1436 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, 192, 235) }
```


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

```
.border{ border-color:rgb(253, 192, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 235);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3530, 64.5801, 87.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 235) }
```

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

```
.background{ background-color: rgb(253,  
192, 235) }
```

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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