

Converting Colors

XYZ(84.4807, 81.3813, 97.6081)

Have a look what the booklet for XYZ(84.4807, 81.3813, 97.6081) contains.

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Color

**XYZ(84.3771, 81.1639,
97.6052)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F5
RGB	255, 224, 245
RGB Percent	100%, 88%, 96%
CMY	0.0000, 0.1215, 0.0392
CMYK	0.00, 0.12, 0.04, 0.00
HSL	319°, 100%, 94%
HSV	319°, 12%, 100%
XYZ	84.3771, 81.1639, 97.6052
YIQ	235.6630, 11.7350, 13.1030

Conversions

Conversions Part 2

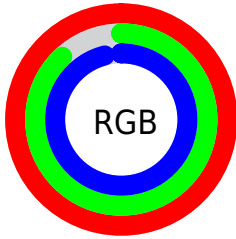
Format	Color
R _Y B	255, 224, 245
Decimal	16769269
CIE Lab	92.20, 14.14, -6.28
CIE LCh	92, 15.476, 336.051
Yxy	81.1639, 0.3206, 0.3084
Android (android.graphics.Color)	4294959349 (0xFFFFE0F5)
YUV	235.6630, 4.6031, 16.9585
Hunter-Lab	90.0910, 9.5196, -1.1715

Details

The XYZ color **84.3771, 81.1639, 97.6052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3542, 93.3090, 91.5679**, and the grayscale version is **79.4325, 83.5692, 91.0068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6620, 44.0558, 54.1884** is the 20% darker color. If you saturate the color by 10%, you get **76.8032, 67.9811, 89.0224**, and if you desaturate by 10%, it is **93.0382, 96.4309, 106.8281**.

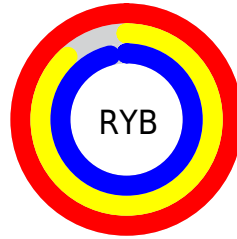
Distribution



Red (100%)

Green (88%)

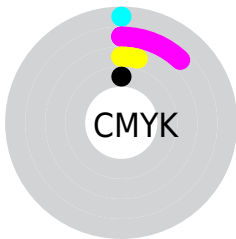
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

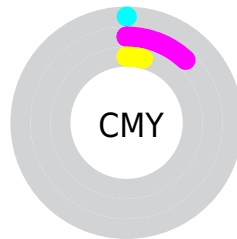


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3771, 81.1639, 97.6052 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 84.3771, 81.1639, 97.6052 by changing the saturation by 10% instead.

 84.3771, 81.1639,
97.6052

 84.3771, 81.1639,
97.6052

498.0794,
498.8466, 573.6681

 63.6476, 60.6766,
73.6964

138.4211,
135.0009, 159.8853

 46.6259, 43.9642,
54.0503


172.4663,
169.1193, 199.0937

 32.9467, 30.6424,
38.2484


211.6807,
208.5503, 244.2390

 22.2447, 20.3267,
25.8722

256.4298,
253.6782, 295.7397

 14.1544, 12.6327,
16.5032

307.0788,
304.8874, 354.0144

 8.3106, 7.1761,
9.7227

363.9932,

 4.3478, 3.5725,

362.5622, 419.4817

5.1123

427.5383,
427.0872, 492.5601

■ 1.9007, 1.4374,
2.2534

■ 0.5772, 0.2441,
0.7049

■ 84.3771, 81.1639,
97.6052

■ 84.3771, 81.1639,
97.6052

■ 76.8032, 67.9811,
89.0224

■ 93.0382, 96.4309,
106.8281

■ 70.2647, 56.7814,
81.0556

95.0500, 100.0000,
108.9000

■ 64.7136, 47.4696,
73.6862

■ 60.0961, 39.9389,
66.8928

■ 56.3527, 34.0718,
60.6516

■ 53.4170, 29.7366,
54.9368

■ 51.2123, 26.7814,
49.7188

■ 49.6464, 25.0230,
44.9628

■ 48.7575, 24.2670,
41.5165

Harmonies

Analogous

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



81.7521, 81.1639, 107.3743



84.3771, 81.1639, 97.6052



85.0352, 81.1639, 86.0755

Triad

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



84.3771, 81.1639, 97.6052



76.3371, 81.1639, 68.2576



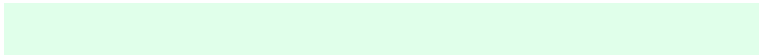
71.1002, 81.1639, 101.9590

Complementary

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



84.3771, 81.1639, 97.6052



81.3542, 93.3090, 91.5679

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.



69.7565, 81.1639, 90.7125



84.3771, 81.1639, 97.6052



72.7122, 81.1639, 71.7583

Square

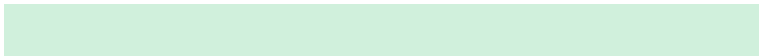
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



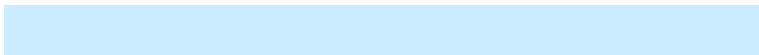
84.3771, 81.1639, 97.6052



80.3033, 81.1639, 69.7592



70.3363, 81.1639, 79.7434



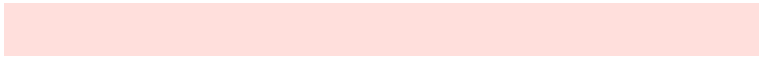
74.0684, 81.1639, 110.0358

Rectangle

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



84.3771, 81.1639, 97.6052



84.2508, 81.1639, 79.0625



70.3363, 81.1639, 79.7434



70.4483, 81.1639, 98.3887

Sweetspot

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



84.3789, 81.1672, 97.6069



91.3566, 93.4537, 105.0777



78.5801, 77.9966, 105.5210



19.4097, 19.7477, 22.3396



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

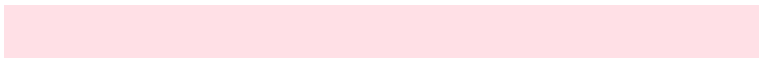
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3789, 81.1672, 97.6069



82.1149, 77.2075, 95.1002



82.1364, 80.2702, 85.7982



18.5287, 18.1948, 21.4015



25.5481, 12.7085, 22.0687



2.5376, 1.2574, 2.4122

Inverse Universe

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



84.3789, 81.1672, 97.6069



82.1149, 77.2075, 95.1002



83.6508, 94.2276, 103.6615



18.5287, 18.1948, 21.4015



25.5481, 12.7085, 22.0687



2.5376, 1.2574, 2.4122

Previews

White Background



This preview shows how the XYZ color 84.3771, 81.1639, 97.6052 looks on a white background.

Color Contrast Check

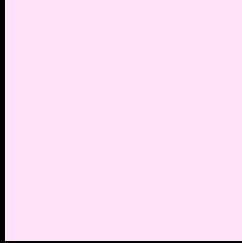
Large Text (above 18pt) WCAG AA × Fail

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 84.3771, 81.1639, 97.6052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

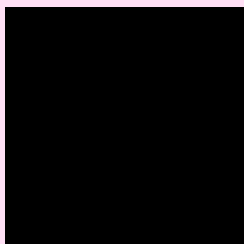
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3771, 81.1639, 97.6052

Background



This preview shows how black text looks on a background with the XYZ color 84.3771, 81.1639, 97.6052.



This preview shows how white text looks on a background with the XYZ color 84.3771, 81.1639,

97.6052.

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

84.3771, 81.1639, 97.6052

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

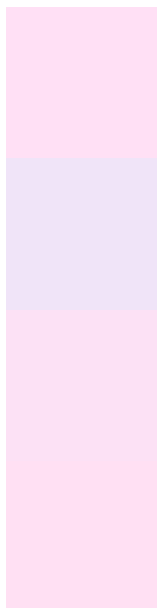
83.1021, 81.3093, 97.7005



Tritanopia

83.9227, 80.9821, 95.2123

Trichromacy



Original Color

84.3771, 81.1639, 97.6052

Protanomaly

80.6219, 80.7894, 100.1516

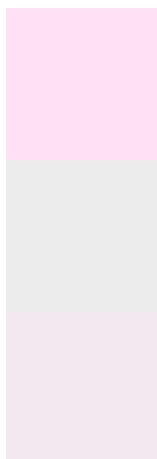
Deuteranomaly

83.5515, 81.1384, 97.6438

Tritanomaly

84.0733, 81.0424, 96.0056

Monochromacy



Original Color

84.3771, 81.1639, 97.6052

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.3987, 82.9999, 93.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3771, 81.1639, 97.6052 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, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 245)  
}
```

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, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.3771, 81.1639, 97.6052 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, 224, 245) }
```


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

```
.border{ border-color:rgb(255, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3771, 81.1639, 97.6052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 245) }
```

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

```
.background{ background-color: rgb(255,  
224, 245) }
```

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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