

Converting Colors

XYZ(120.4861, 100.0000,
97.9447)

Have a look what the booklet for
XYZ(120.4861, 100.0000, 97.9447)
contains.

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Color

**XYZ(84.0733, 81.0424,
96.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F3
RGB	255, 224, 243
RGB Percent	100%, 88%, 95%
CMY	0.0000, 0.1215, 0.0471
CMYK	0.00, 0.12, 0.05, 0.00
HSL	323°, 100%, 94%
HSV	323°, 12%, 100%
XYZ	84.0733, 81.0424, 96.0056
YIQ	235.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

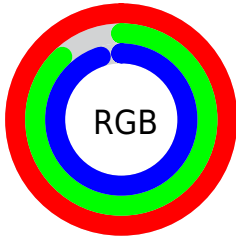
Format	Color
R_{YB}	255, 224, 243
Decimal	16769267
CIE _{Lab}	92.15, 13.80, -5.32
CIE _{LCh}	92, 14.788, 338.931
Yxy	81.0424, 0.3220, 0.3104
Android (android.graphics.Color)	4294959347 (0xFFFFE0F3)
YUV	235.4350, 3.7295, 17.1585
Hunter-Lab	90.0236, 9.1605, -0.2133

Details

The XYZ color **84.0733, 81.0424, 96.0056** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6433, 93.4246, 93.0901**, and the grayscale version is **79.2646, 83.3926, 90.8145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4463, 43.9696, 53.0527** is the 20% darker color. If you saturate the color by 10%, you get **76.2765, 67.7705, 86.2488**, and if you desaturate by 10%, it is **92.9817, 96.4084, 106.5306**.

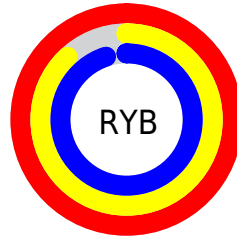
Distribution



Red (100%)

Green (88%)

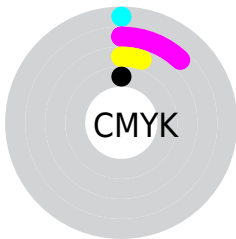
Blue (95%)



Red (100%)

Yellow (88%)

Blue (95%)

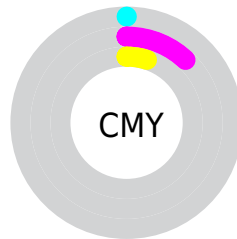


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0733, 81.0424, 96.0056 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 84.0733, 81.0424, 96.0056 by changing the saturation by 10% instead.

 84.0733, 81.0424,
96.0056

 84.0733, 81.0424,
96.0056


497.0866,
498.4389, 568.4457

 63.3959, 60.5765,
72.3707


137.9984,
134.8303, 157.6607

 46.4214, 43.8835,
52.9729


171.9769,
168.9211, 196.5179

 32.7845, 30.5789,
37.3935


211.1196,
208.3224, 241.2864

 22.1199, 20.2784,
25.2142

255.7922,
253.4184, 292.3846

 14.0621, 12.5976,
16.0162

306.3598,
304.5937, 350.2311

 8.2459, 7.1520,
9.3812

363.1878,

 4.3058, 3.5574,

362.2326, 415.2444

4.8904

426.6416,
426.7196, 487.8431

■ 1.8765, 1.4292,
2.1255

■ 0.5631, 0.2381,
0.6309

■ 84.0733, 81.0424,
96.0056

■ 84.0733, 81.0424,
96.0056

■ 76.2765, 67.7705,
86.2488

■ 92.9817, 96.4084,
106.5306

■ 69.5388, 56.4911,
77.2334

95.0500, 100.0000,
108.9000

■ 63.8119, 47.1089,
68.9379

■ 59.0412, 39.5169,
61.3378

■ 55.1667, 33.5974,
54.4063

■ 52.1214, 29.2184,
48.1144

■ 49.8280, 26.2277,
42.4293

■ 48.1936, 24.4419,
37.3129

■ 47.2648, 23.6699,
33.6559

Harmonies

Analogous

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



81.7272, 81.0424, 105.6008



84.0733, 81.0424, 96.0056



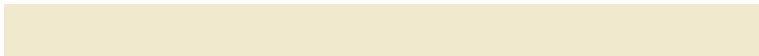
84.4993, 81.0424, 85.0220

Triad

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



84.0733, 81.0424, 96.0056



75.8959, 81.0424, 69.0844



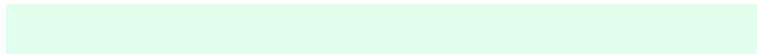
71.4656, 81.0424, 102.1021

Complementary

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



84.0733, 81.0424, 96.0056



81.6433, 93.4246, 93.0901

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.



70.0113, 81.0424, 91.5411



84.0733, 81.0424, 96.0056



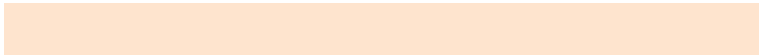
72.5132, 81.0424, 72.8970

Square

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



84.0733, 81.0424, 96.0056



79.6937, 81.0424, 70.0649



70.3884, 81.0424, 80.9075



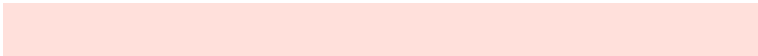
74.4231, 81.0424, 109.3175

Rectangle

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



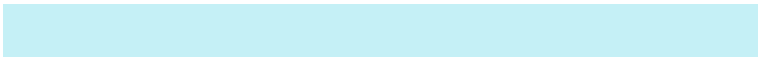
84.0733, 81.0424, 96.0056



83.6238, 81.0424, 78.4700



70.3884, 81.0424, 80.9075



70.7892, 81.0424, 98.7921

Sweetspot

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



84.0752, 81.0457, 96.0073



91.2526, 93.4121, 104.5300



79.2618, 78.3481, 105.5529



19.3834, 19.7371, 22.2008



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.



84.0752, 81.0457, 96.0073



81.7453, 77.0596, 93.1536



81.8484, 80.1550, 84.2815



18.4772, 18.1742, 21.1303



24.7722, 12.3982, 17.9826



2.4655, 1.2286, 2.0328

Inverse Universe

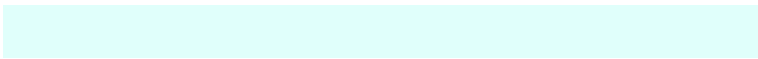
The Inverse Universe completely reimagines the original color for something new.



84.0752, 81.0457, 96.0073



81.7453, 77.0596, 93.1536



83.9755, 94.3575, 105.3714



18.4772, 18.1742, 21.1303



24.7722, 12.3982, 17.9826



2.4655, 1.2286, 2.0328

Previews

White Background



This preview shows how the XYZ color 84.0733, 81.0424, 96.0056 looks on a white background.

Color Contrast Check

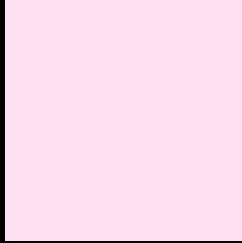
Large Text (above 18pt) WCAG AA × Fail

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 84.0733, 81.0424, 96.0056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

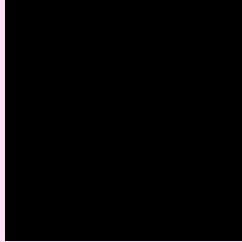
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0733, 81.0424, 96.0056

Background



This preview shows how black text looks on a background with the XYZ color 84.0733, 81.0424, 96.0056.



This preview shows how white text looks on a background with the XYZ color 84.0733, 81.0424,

96.0056.

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

84.0733, 81.0424, 96.0056

Protanopia

78.6431, 81.0230, 99.4898

Deuteranopia

83.1577, 81.3730, 96.1177



Tritanopia

83.9227, 80.9821, 95.2123

Trichromacy



Original Color

84.0733, 81.0424, 96.0056

Protanomaly

80.3131, 80.6659, 98.5259

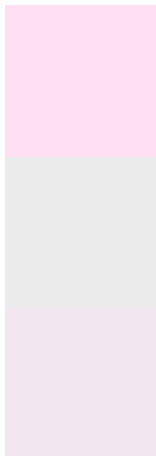
Deuteranomaly

83.2478, 81.0169, 96.0442

Tritanomaly

83.9227, 80.9821, 95.2123

Monochromacy



Original Color

84.0733, 81.0424, 96.0056

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.6265, 82.2021, 92.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0733, 81.0424, 96.0056 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.0733, 81.0424, 96.0056 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, 243) }
```


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

```
.border{ border-color:rgb(255, 224, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0733, 81.0424, 96.0056 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
224, 243) }
```

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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