

Converting Colors

XYZ(84.7666, 82.6328, 95.6085)

Have a look what the booklet for
XYZ(84.7666, 82.6328, 95.6085)
contains.

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Color

**XYZ(84.7361, 82.6090,
95.4835)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F2
RGB	255, 227, 242
RGB Percent	100%, 89%, 95%
CMY	0.0000, 0.1098, 0.0510
CMYK	0.00, 0.11, 0.05, 0.00
HSL	328°, 100%, 95%
HSV	328°, 11%, 100%
XYZ	84.7361, 82.6090, 95.4835
YIQ	237.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

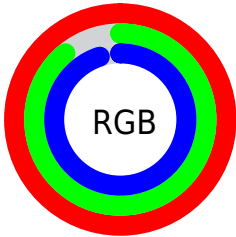
Format	Color
R _Y B	255, 227, 242
Decimal	16770034
CIE Lab	92.84, 12.07, -3.77
CIE LCh	93, 12.649, 342.641
Yxy	82.6090, 0.3224, 0.3143
Android (android.graphics.Color)	4294960114 (0xFFFFE3F2)
YUV	237.0820, 2.4246, 15.7141
Hunter-Lab	90.8895, 7.3586, 1.3358

Details

The XYZ color **84.7361, 82.6090, 95.4835** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1693, 94.1434, 96.2295**, and the grayscale version is **80.5367, 84.7308, 92.2719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9042, 45.0560, 52.6789** is the 20% darker color. If you saturate the color by 10%, you get **76.5504, 68.9918, 84.2638**, and if you desaturate by 10%, it is **94.0736, 98.3447, 107.6575**.

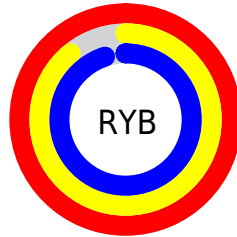
Distribution



Red (100%)

Green (89%)

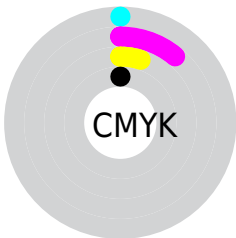
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

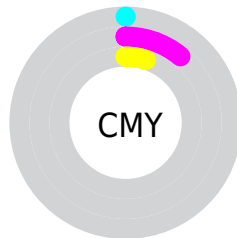


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7361, 82.6090, 95.4835 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 84.7361, 82.6090, 95.4835 by changing the saturation by 10% instead.

84.7361, 82.6090,
95.4835

84.7361, 82.6090,
95.4835

499.2513,
503.6825, 566.7355

63.9451, 61.8676,
71.9383

138.9203,
137.0277, 156.9337

46.8677, 44.9258,
52.6218

173.0443,
171.4738, 195.6759

33.1386, 31.3990,
37.1153

212.3433,
211.2570, 240.3208

22.3924, 20.9028,
25.0003

257.1827,
256.7616, 291.2870

14.2637, 13.0530,
15.8582

307.9278,
308.3721, 348.9930

8.3872, 7.4650,
9.2706

364.9441,

4.3976, 3.7546,

366.4728, 413.8574

4.8189

428.5968,
431.4481, 486.2988

■ 1.9294, 1.5373,
2.0845

■ 0.5939, 0.3147,
0.6065

■ 84.7361, 82.6090,
95.4835

■ 84.7361, 82.6090,
95.4835

■ 76.5504, 68.9918,
84.2638

94.0736, 98.3447,
107.6575

■ 69.4634, 57.3918,
73.9666

95.0500, 100.0000,
108.9000

■ 63.4263, 47.7142,
64.5658

■ 58.3840, 39.8526,
56.0317

■ 54.2763, 33.6904,
48.3327

■ 51.0360, 29.0971,
41.4341

■ 48.5861, 25.9229,
35.2978

■ 46.8349, 23.9884,
29.8802

■ 45.7264, 23.0546,
25.5552

Harmonies

Analogous

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



82.8984, 82.6090, 104.0007



84.7361, 82.6090, 95.4835



84.8785, 82.6090, 86.0253

Triad

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



84.7361, 82.6090, 95.4835



77.1358, 82.6090, 73.3418



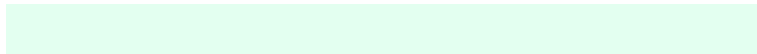
73.9378, 82.6090, 102.8387

Complementary

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



84.7361, 82.6090, 95.4835



83.1693, 94.1434, 96.2295

Split Complementary

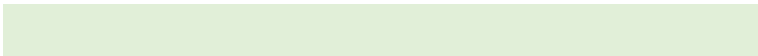
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4822, 82.6090, 93.9864



84.7361, 82.6090, 95.4835



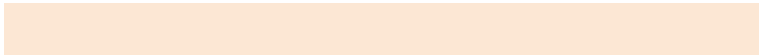
74.2935, 82.6090, 77.2204

Square

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



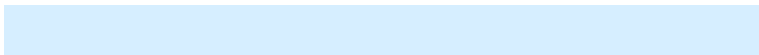
84.7361, 82.6090, 95.4835



80.4274, 82.6090, 73.6806



72.6106, 82.6090, 84.6291



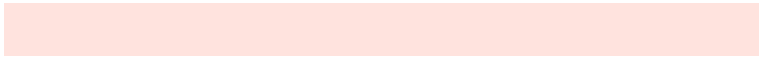
76.6378, 82.6090, 108.4473

Rectangle

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



84.7361, 82.6090, 95.4835



83.9874, 82.6090, 80.4895



72.6106, 82.6090, 84.6291



73.2902, 82.6090, 100.1181

Sweetspot

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



84.7380, 82.6124, 95.4853



92.0912, 94.9891, 105.1184



81.3214, 80.6174, 105.8824



19.5459, 20.0521, 22.2865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

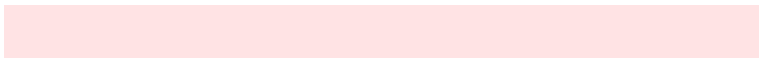
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7380, 82.6124, 95.4853



82.9914, 79.6909, 93.1404



82.7707, 81.8255, 85.1258



18.4162, 18.1498, 20.8088



23.9693, 12.0770, 13.7547



2.3890, 1.1980, 1.6300

Inverse Universe

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



84.7380, 82.6124, 95.4853



82.9914, 79.6909, 93.1404



85.2659, 94.9820, 107.2701



18.4162, 18.1498, 20.8088



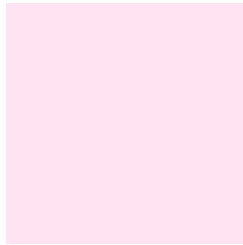
23.9693, 12.0770, 13.7547



2.3890, 1.1980, 1.6300

Previews

White Background



This preview shows how the XYZ color 84.7361, 82.6090, 95.4835 looks on a white background.

Color Contrast Check

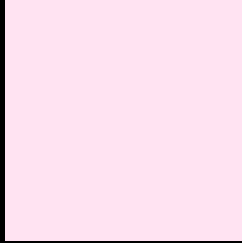
Large Text (above 18pt) WCAG AA × Fail

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 84.7361, 82.6090, 95.4835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

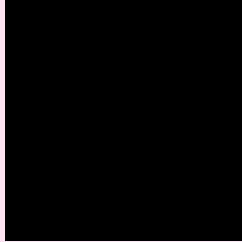
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7361, 82.6090, 95.4835

Background



This preview shows how black text looks on a background with the XYZ color 84.7361, 82.6090, 95.4835.



This preview shows how white text looks on a background with the XYZ color 84.7361, 82.6090,

95.4835.

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

84.7361, 82.6090, 95.4835

Protanopia

80.0344, 82.5938, 98.9127

Deuteranopia

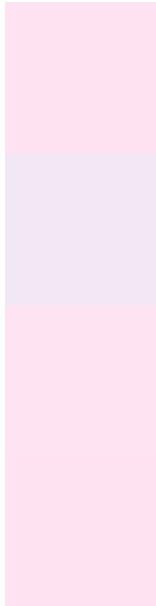
84.3691, 82.4198, 95.4663



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

84.7361, 82.6090, 95.4835

Protanomaly

81.6753, 82.6216, 98.0290

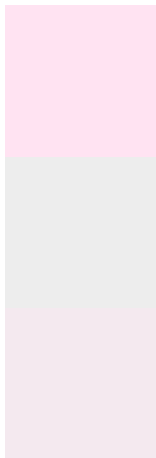
Deuteranomaly

84.3691, 82.4198, 95.4663

Tritanomaly

84.8867, 82.6692, 96.2768

Monochromacy



Original Color

84.7361, 82.6090, 95.4835

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0271, 83.7429, 93.5021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7361, 82.6090, 95.4835 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, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 242)  
}
```

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, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.7361, 82.6090, 95.4835 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, 227, 242) }
```


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

```
.border{ border-color:rgb(255, 227, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7361, 82.6090, 95.4835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 242) }
```

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

```
.background{ background-color: rgb(255,  
227, 242) }
```

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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