

Converting Colors

XYZ(84.2347, 83.1675, 97.5828)

Have a look what the booklet for
XYZ(84.2347, 83.1675, 97.5828)
contains.

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Color

**XYZ(84.1321, 83.0795,
97.1897)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE5F4
RGB	251, 229, 244
RGB Percent	98%, 90%, 96%
CMY	0.0157, 0.1019, 0.0431
CMYK	0.00, 0.09, 0.03, 0.02
HSL	319°, 73%, 94%
HSV	319°, 9%, 98%
XYZ	84.1321, 83.0795, 97.1897
YIQ	237.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

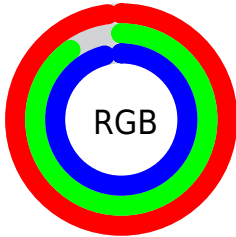
Format	Color
R _{YB}	251, 229, 244
Decimal	16508404
CIE Lab	93.05, 10.04, -4.55
CIE LCh	93, 11.021, 335.607
Yxy	83.0795, 0.3182, 0.3142
Android (android.graphics.Color)	4294698484 (0xFFFBE5F4)
YUV	237.2880, 3.3090, 12.0254
Hunter-Lab	91.1480, 5.2515, 0.5835

Details

The XYZ color **84.1321, 83.0795, 97.1897** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9538, 91.7107, 92.7437**, and the grayscale version is **80.6910, 84.8932, 92.4487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4613, 45.3723, 53.8859** is the 20% darker color. If you saturate the color by 10%, you get **76.4970, 69.7073, 88.7904**, and if you desaturate by 10%, it is **92.8287, 98.4880, 106.2042**.

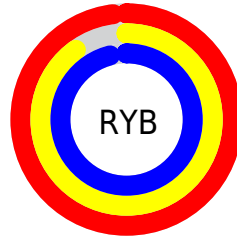
Distribution



Red (98%)

Green (90%)

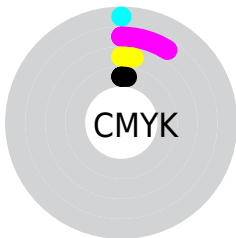
Blue (96%)



Red (98%)

Yellow (90%)

Blue (96%)

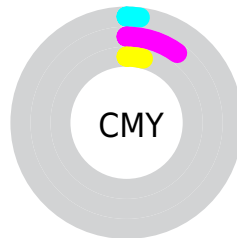


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (10%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1321, 83.0795, 97.1897 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 84.1321, 83.0795, 97.1897 by changing the saturation by 10% instead.


 84.1321, 83.0795,
97.1897

 84.1321, 83.0795,
97.1897


497.2788,
505.2514, 572.3140

 63.4446, 62.2557,
73.3519


138.0803,
137.6868, 159.3078

 46.4610, 45.2394,
53.7702


172.0716,
172.2391, 198.4252

 32.8159, 31.6460,
38.0260

211.2283,
212.1364, 243.4728

 22.1440, 21.0913,
25.7009

255.9156,
257.7631, 294.8693

 14.0799, 13.1907,
16.3763

306.4990,
309.5036, 353.0331

 8.2584, 7.5600,
9.6336

363.3437,

 4.3139, 3.8147,

367.7422, 418.3828

5.0543

426.8152,
432.8633, 491.3369

■ 1.8812, 1.5705,
2.2198

■ 0.5659, 0.3376,
0.6858

■ 84.1321, 83.0795,
97.1897

■ 84.1321, 83.0795,
97.1897

■ 76.4970, 69.7073,
88.7904

■ 92.8287, 98.4880,
106.2042

■ 69.8725, 58.2747,
80.9831

■ 93.5942, 99.2495,
108.8319

■ 64.2145, 48.6929,
73.7508

■ 59.4725, 40.8622,
67.0732

■ 55.5914, 34.6734,
60.9286

■ 52.5097, 30.0049,
55.2930

■ 50.1577, 26.7182,
50.1394

■ 48.4526, 24.6491,
45.4368

■ 47.2749, 23.5597,
41.1414

Harmonies

Analogous

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



82.2429, 83.0795, 104.0193



84.1321, 83.0795, 97.1897



84.6226, 83.0795, 88.9141

Triad

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



84.1321, 83.0795, 97.1897



78.4231, 83.0795, 75.5333



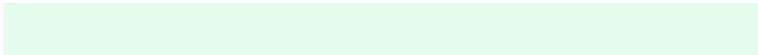
74.5341, 83.0795, 100.0410

Complementary

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



84.1321, 83.0795, 97.1897



81.9538, 91.7107, 92.7437

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.



73.5646, 83.0795, 92.0226



84.1321, 83.0795, 97.1897



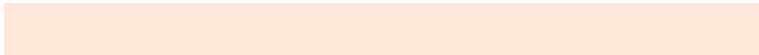
75.7745, 83.0795, 78.1324

Square

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



84.1321, 83.0795, 97.1897



81.2809, 83.0795, 76.7313



74.0131, 83.0795, 84.0473



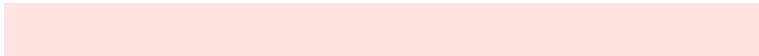
76.6927, 83.0795, 105.7345

Rectangle

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



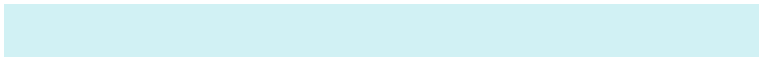
84.1321, 83.0795, 97.1897



84.0802, 83.0795, 83.7569



74.0131, 83.0795, 84.0473



74.0607, 83.0795, 97.5104

Sweetspot

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



84.1345, 83.0831, 97.1915



92.2684, 95.0600, 106.0513



80.0162, 80.8349, 102.6534



19.5938, 20.0712, 22.5385



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

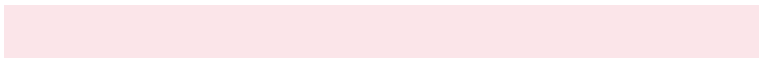
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1345, 83.0831, 97.1915



85.3412, 82.8292, 98.7375



82.5186, 82.4367, 88.6822



17.7442, 17.4250, 20.5088



24.8510, 12.3561, 21.7217



2.3498, 1.1637, 2.2654

Inverse Universe

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



84.1345, 83.0831, 97.1915



85.3412, 82.8292, 98.7375



83.5963, 92.3677, 101.3933



17.7442, 17.4250, 20.5088



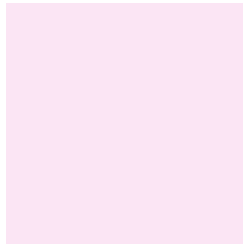
24.8510, 12.3561, 21.7217



2.3498, 1.1637, 2.2654

Previews

White Background



This preview shows how the XYZ color 84.1321, 83.0795, 97.1897 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 84.1321, 83.0795, 97.1897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

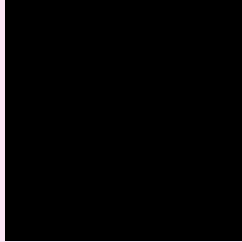
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1321, 83.0795, 97.1897

Background



This preview shows how black text looks on a background with the XYZ color 84.1321, 83.0795, 97.1897.



This preview shows how white text looks on a background with the XYZ color 84.1321, 83.0795,

97.1897.

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

84.1321, 83.0795, 97.1897

Protanopia

80.8034, 83.3939, 99.8335

Deuteranopia

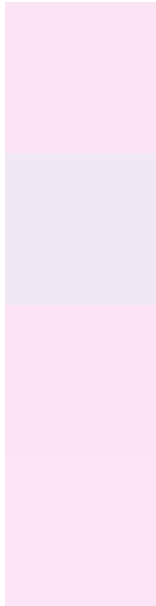
84.9456, 83.0893, 97.1487



Tritanopia

84.5915, 83.2633, 99.6087

Trichromacy



Original Color

84.1321, 83.0795, 97.1897

Protanomaly

81.7668, 83.0678, 98.9129

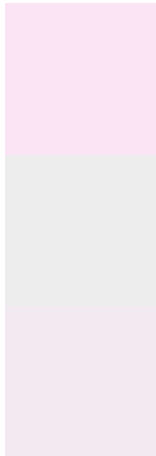
Deuteranomaly

84.5805, 82.9011, 97.1316

Tritanomaly

84.4375, 83.2017, 98.7980

Monochromacy



Original Color

84.1321, 83.0795, 97.1897

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.7689, 84.0142, 94.3447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1321, 83.0795, 97.1897 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(251, 229, 244) looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 244)  
}
```

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(251, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.1321, 83.0795, 97.1897 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(251, 229, 244) }
```


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

```
.border{ border-color:rgb(251, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 229, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 229, 244); box-shadow:4px 4px 4px 4px rgb(251, 229, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1321, 83.0795, 97.1897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 244) }
```

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

```
.background{ background-color: rgb(251,  
229, 244) }
```

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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