

Converting Colors

XYZ(82.8617, 80.0025, 96.6627)

Have a look what the booklet for
XYZ(82.8617, 80.0025, 96.6627)
contains.

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Color

**XYZ(82.8617, 80.0025,
96.6627)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCDF4 |
| RGB | 252, 223, 244 |
| RGB Percent | 99%, 87%, 96% |
| CMY | 0.0118, 0.1255, 0.0431 |
| CMYK | 0.00, 0.12, 0.03, 0.01 |
| HSL | 317°, 83%, 93% |
| HSV | 317°, 12%, 99% |
| XYZ | 82.8617, 80.0025, 96.6627 |
| YIQ | 234.0650, 10.5430, 12.6790 |

Conversions

Conversions Part 2

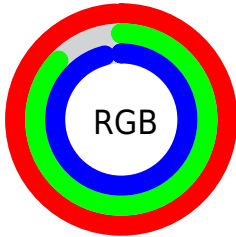
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 223, 244 |
| Decimal | 16572404 |
| CIE Lab | 91.69, 13.48, -6.55 |
| CIE LCh | 92, 14.993, 334.081 |
| Yxy | 80.0025, 0.3193, 0.3083 |
| Android (android.graphics.Color) | 4294762484 (0xFFFCDF4) |
| YUV | 234.0650, 4.8980, 15.7290 |
| Hunter-Lab | 89.4441, 8.8365, -1.4641 |

Details

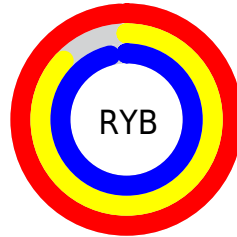
The XYZ color **82.8617, 80.0025, 96.6627** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6687, 91.0805, 88.9870**, and the grayscale version is **78.2165, 82.2898, 89.6136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5854, 43.2382, 53.5201** is the 20% darker color. If you saturate the color by 10%, you get **75.5883, 67.1124, 89.1281**, and if you desaturate by 10%, it is **91.1816, 94.9195, 104.7445**.

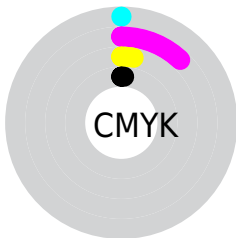
Distribution



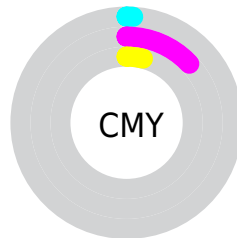
- Red (99%)
- Green (87%)
- Blue (96%)



- Red (99%)
- Yellow (87%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8617, 80.0025, 96.6627 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 82.8617, 80.0025, 96.6627 by changing the saturation by 10% instead.


 82.8617, 80.0025,
96.6627

 82.8617, 80.0025,
96.6627


493.1164,
494.9413, 570.5941

 62.3926, 59.7204,
72.9151


136.3113,
133.3692, 158.5750

 45.6068, 43.1933,
53.4151


170.0225,
167.2227, 197.5767

 32.1390, 30.0368,
37.7443


208.8784,
206.3687, 242.5003

 21.6237, 19.8665,
25.4840

253.2444,
251.1917, 293.7642

 13.6957, 12.2981,
16.2157

303.4858,
302.0761, 351.7870

 7.9896, 6.9470,
9.5209

359.9681,

 4.1401, 3.4290,

359.4062, 416.9872

4.9811

423.0565,
423.5664, 489.7834

■ 1.7817, 1.3596,
2.1776

■ 0.5066, 0.1866,
0.6614

■ 82.8617, 80.0025,
96.6627

■ 82.8617, 80.0025,
96.6627

■ 75.5883, 67.1124,
89.1281

■ 91.1816, 94.9195,
104.7445

■ 69.3099, 56.1504,
82.1186

■ 93.9554, 99.4357,
108.8488

■ 63.9809, 47.0249,
75.6178

■ 59.5495, 39.6330,
69.6062

■ 55.9586, 33.8613,
64.0624

■ 53.1446, 29.5830,
58.9631

■ 51.0341, 26.6525,
54.2814

■ 49.5391, 24.8943,
49.9856

■ 48.6379, 24.0927,
46.5998

Harmonies

Analogous

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



80.2442, 80.0025, 105.7826



82.8617, 80.0025, 96.6627



83.6292, 80.0025, 85.6160

Triad

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



82.8617, 80.0025, 96.6627



75.5168, 80.0025, 67.7097



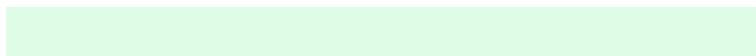
70.0988, 80.0025, 99.4775

Complementary

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



82.8617, 80.0025, 96.6627



79.6687, 91.0805, 88.9870

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.



68.9244, 80.0025, 88.6195



82.8617, 80.0025, 96.6627



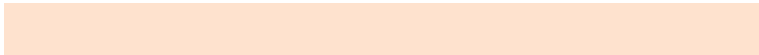
71.9852, 80.0025, 70.7736

Square

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



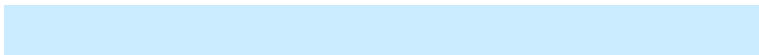
82.8617, 80.0025, 96.6627



79.3065, 80.0025, 69.4741



69.6033, 80.0025, 78.2067



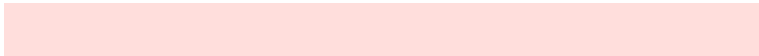
72.8644, 80.0025, 107.5012

Rectangle

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



82.8617, 80.0025, 96.6627



82.9676, 80.0025, 78.7792



69.6033, 80.0025, 78.2067



69.5092, 80.0025, 96.0064

Sweetspot

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



82.8640, 80.0060, 96.6644



92.3199, 95.0806, 106.3227



76.8307, 76.7523, 102.8619



19.6077, 20.0768, 22.6119



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

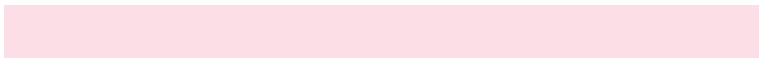
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8640, 80.0060, 96.6644



83.1542, 78.6815, 97.3109



80.7855, 79.1746, 85.7192



17.7768, 17.4381, 20.6801



25.4013, 12.5762, 24.6193



2.3974, 1.1827, 2.5159

Inverse Universe

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



82.8640, 80.0060, 96.6644



83.1542, 78.6815, 97.3109



81.7616, 91.9176, 100.0076



17.7768, 17.4381, 20.6801



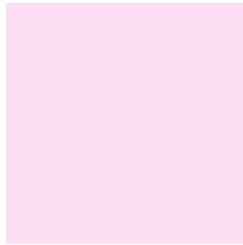
25.4013, 12.5762, 24.6193



2.3974, 1.1827, 2.5159

Previews

White Background



This preview shows how the XYZ color 82.8617, 80.0025, 96.6627 looks on a white background.

Color Contrast Check

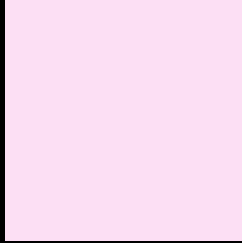
Large Text (above 18pt) WCAG AA × Fail

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 82.8617, 80.0025, 96.6627 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 82.8617, 80.0025, 96.6627

Background



This preview shows how black text looks on a background with the XYZ color 82.8617, 80.0025, 96.6627.



This preview shows how white text looks on a background with the XYZ color 82.8617, 80.0025,

96.6627.

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

82.8617, 80.0025, 96.6627

Protanopia

77.8732, 80.1939, 100.1816

Deuteranopia

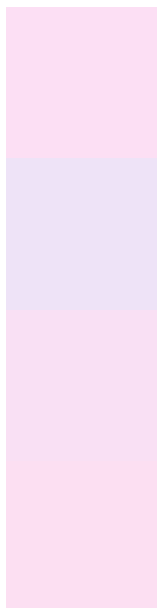
81.6962, 79.7994, 96.6849



Tritanopia

82.4097, 79.8217, 94.2828

Trichromacy



Original Color

82.8617, 80.0025, 96.6627

Protanomaly

79.5175, 79.8307, 99.2135

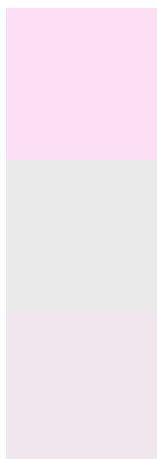
Deuteranomaly

82.0517, 79.9827, 96.7016

Tritanomaly

82.5596, 79.8816, 95.0717

Monochromacy



Original Color

82.8617, 80.0025, 96.6627

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.0051, 81.4674, 92.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8617, 80.0025, 96.6627 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(252, 223, 244) looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 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(252, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.8617, 80.0025, 96.6627 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(252, 223, 244) }
```


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

```
.border{ border-color:rgb(252, 223, 244) }
```

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

Here you see how a box with a 4 pixel rgb(252, 223, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8617, 80.0025, 96.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 244) }
```

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

```
.background{ background-color: rgb(252,  
223, 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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