

Converting Colors

XYZ(82.0151, 81.2789, 91.3819)

Have a look what the booklet for XYZ(82.0151, 81.2789, 91.3819) contains.

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Color

**XYZ(82.1795, 81.3766,
91.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3ED
RGB	250, 227, 237
RGB Percent	98%, 89%, 93%
CMY	0.0196, 0.1098, 0.0706
CMYK	0.00, 0.09, 0.05, 0.02
HSL	334°, 70%, 94%
HSV	334°, 9%, 98%
XYZ	82.1795, 81.3766, 91.4967
YIQ	235.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

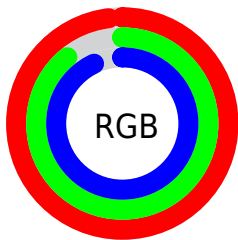
Format	Color
R_{YB}	250, 227, 237
Decimal	16442349
CIE Lab	92.30, 9.53, -2.01
CIE LCh	92, 9.738, 348.091
Yxy	81.3766, 0.3222, 0.3191
Android (android.graphics.Color)	4294632429 (0xFFFAE3ED)
YUV	235.0170, 0.9776, 13.1401
Hunter-Lab	90.2090, 4.7460, 3.0099

Details

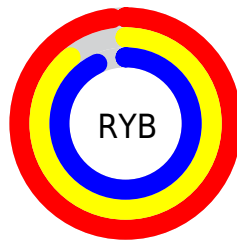
The XYZ color **82.1795, 81.3766, 91.4967** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5955, 90.9955, 95.7059**, and the grayscale version is **78.9678, 83.0802, 90.4744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0853, 44.1787, 49.8672** is the 20% darker color. If you saturate the color by 10%, you get **73.8483, 67.8886, 78.9307**, and if you desaturate by 10%, it is **91.6710, 96.9224, 105.2544**.

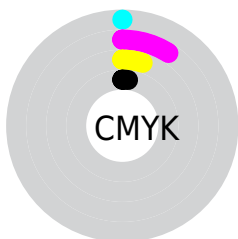
Distribution



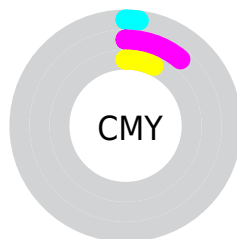
- Red (98%)
- Green (89%)
- Blue (93%)



- Red (98%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1795, 81.3766, 91.4967 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 82.1795, 81.3766, 91.4967 by changing the saturation by 10% instead.

 82.1795, 81.3766,
91.4967

 82.1795, 81.3766,
91.4967


490.8733,
499.5600, 553.5829

 61.8281, 60.8518,
68.6420


135.3602,
135.2994, 151.3693

 45.1489, 44.1056,
49.9502


168.9202,
169.4663, 189.2242

 31.7765, 30.7535,
35.0030


207.6139,
208.9493, 232.9163

 21.3456, 20.4112,
23.3816

251.8064,
254.1328, 282.8641

 13.4907, 12.6943,
14.6676

301.8633,
305.4012, 339.4861

 7.8466, 7.2184,
8.4424

358.1498,

 4.0480, 3.5991,

363.1390, 403.2008

4.2875

421.0314,
427.7305, 474.4269

■ 1.7293, 1.4519,
1.7844

■ 0.4745, 0.2545,
0.4176

■ 82.1795, 81.3766,
91.4967

■ 82.1795, 81.3766,
91.4967

■ 73.8483, 67.8886,
78.9307

■ 91.6710, 96.9224,
105.2544

■ 66.6240, 56.3611,
67.5173

■ 93.2348, 99.0642,
108.8151

■ 60.4594, 46.7047,
57.2227

■ 55.3010, 38.8188,
48.0092

■ 51.0905, 32.5935,
39.8367

■ 47.7632, 27.9064,
32.6621

■ 45.2456, 24.6177,
26.4383

■ 43.4510, 22.5620,
21.1126

■ 42.2504, 21.4893,
16.6169

Harmonies

Analogous

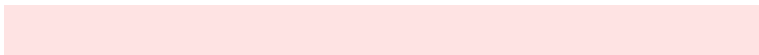
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0045, 81.3766, 98.1908



82.1795, 81.3766, 91.4967



82.0389, 81.3766, 84.3699

Triad

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



82.1795, 81.3766, 91.4967



75.8527, 81.3766, 76.0707



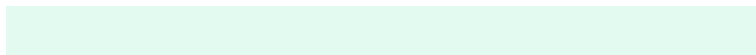
74.1578, 81.3766, 99.3274

Complementary

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



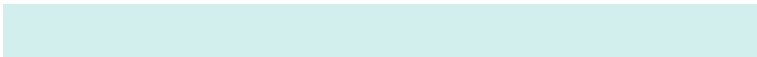
82.1795, 81.3766, 91.4967



81.5955, 90.9955, 95.7059

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.



72.8356, 81.3766, 92.9801



82.1795, 81.3766, 91.4967



73.7994, 81.3766, 79.6648

Square

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



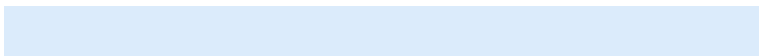
82.1795, 81.3766, 91.4967



78.3491, 81.3766, 75.7217



72.7059, 81.3766, 85.7754



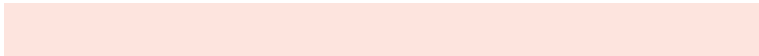
76.3515, 81.3766, 102.8732

Rectangle

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



82.1795, 81.3766, 91.4967



81.2184, 81.3766, 80.3256



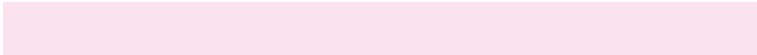
72.7059, 81.3766, 85.7754



73.5987, 81.3766, 97.4353

Sweetspot

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



82.1818, 81.3802, 91.4984



91.9693, 94.9404, 104.4767



80.5438, 80.3083, 101.6995



19.5130, 20.0389, 22.1134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

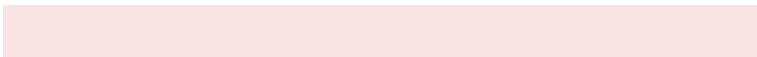
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1818, 81.3802, 91.4984



84.2965, 82.4113, 93.2360



81.0770, 81.4431, 84.1242



17.5579, 17.3505, 19.5277



22.4358, 11.3901, 9.0034



2.1301, 1.0758, 1.1083

Inverse Universe

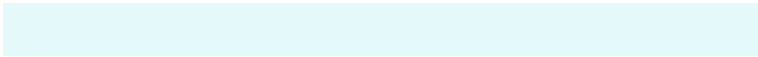
The Inverse Universe completely reimagines the original color for something new.



82.1818, 81.3802, 91.4984



84.2965, 82.4113, 93.2360



82.7658, 90.8937, 103.6256



17.5579, 17.3505, 19.5277



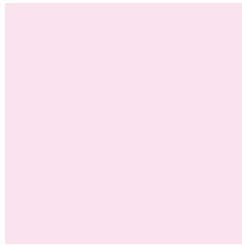
22.4358, 11.3901, 9.0034



2.1301, 1.0758, 1.1083

Previews

White Background



This preview shows how the XYZ color 82.1795, 81.3766, 91.4967 looks on a white background.

Color Contrast Check

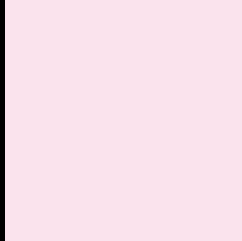
Large Text (above 18pt) WCAG AA × Fail

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 82.1795, 81.3766, 91.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

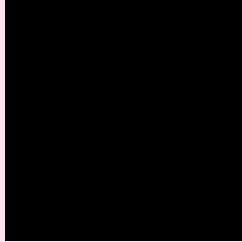
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1795, 81.3766, 91.4967

Background



This preview shows how black text looks on a background with the XYZ color 82.1795, 81.3766, 91.4967.



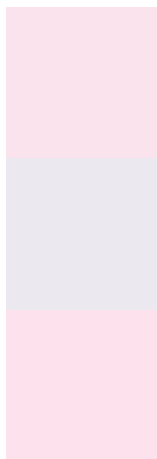
This preview shows how white text looks on a background with the XYZ color 82.1795, 81.3766,

91.4967.

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

82.1795, 81.3766, 91.4967

Protanopia

78.8457, 81.6667, 94.0457

Deuteranopia

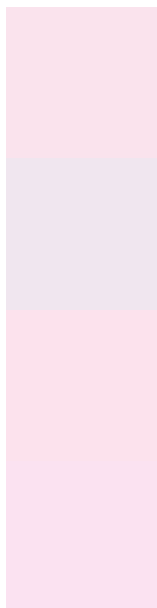
82.9904, 81.3898, 91.4565



Tritanopia

83.3092, 81.4336, 96.9153

Trichromacy



Original Color

82.1795, 81.3766, 91.4967

Protanomaly

79.8120, 81.3509, 93.1571

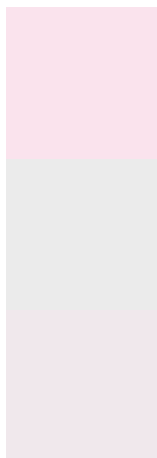
Deuteranomaly

82.6273, 81.2026, 91.4395

Tritanomaly

82.8572, 81.2528, 94.5354

Monochromacy



Original Color

82.1795, 81.3766, 91.4967

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.9321, 82.2946, 91.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1795, 81.3766, 91.4967 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(250, 227, 237) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 237)  
}
```

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(250, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.1795, 81.3766, 91.4967 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(250, 227, 237) }
```


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

```
.border{ border-color:rgb(250, 227, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1795, 81.3766, 91.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 237) }
```

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

```
.background{ background-color: rgb(250,  
227, 237) }
```

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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