

Converting Colors

XYZ(81.7152, 81.9323, 94.6062)

Have a look what the booklet for
XYZ(81.7152, 81.9323, 94.6062)
contains.

XYZ(81.5527, 81.8020, 94.7102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.5527, 81.8020,
94.7102)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5F1
RGB	245, 229, 241
RGB Percent	96%, 90%, 95%
CMY	0.0392, 0.1019, 0.0549
CMYK	0.00, 0.07, 0.02, 0.04
HSL	315°, 44%, 93%
HSV	315°, 7%, 96%
XYZ	81.5527, 81.8020, 94.7102
YIQ	235.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

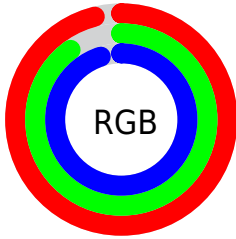
Format	Color
R_{YB}	245, 229, 241
Decimal	16115185
CIE Lab	92.49, 7.50, -3.87
CIE LCh	92, 8.441, 332.720
Yxy	81.8020, 0.3160, 0.3170
Android (android.graphics.Color)	4294305265 (0xFF5E5F)
YUV	235.1520, 2.8831, 8.6367
Hunter-Lab	90.4445, 2.6735, 1.2248

Details

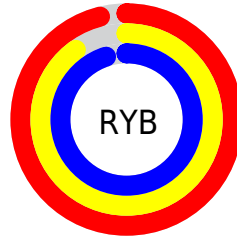
The XYZ color **81.5527, 81.8020, 94.7102** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6766, 87.8482, 89.8521**, and the grayscale version is **79.0591, 83.1763, 90.5790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8793, 44.5937, 52.1410** is the 20% darker color. If you saturate the color by 10%, you get **74.3473, 68.8302, 87.8697**, and if you desaturate by 10%, it is **89.7502, 96.7065, 102.0353**.

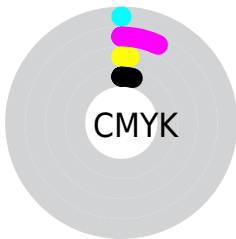
Distribution



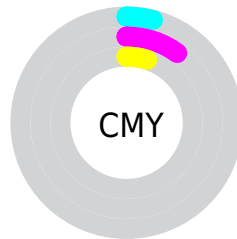
- Red (96%)
- Green (90%)
- Blue (95%)



- Red (96%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5527, 81.8020, 94.7102 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 81.5527, 81.8020, 94.7102 by changing the saturation by 10% instead.


 81.5527, 81.8020,
94.7102

 81.5527, 81.8020,
94.7102

488.8075,
500.9852, 564.1974

 61.3098, 61.2023,
71.2982


134.4857,
135.8963, 155.8563

 44.7287, 44.3885,
52.1023


167.9064,
170.1597, 194.4275

 31.4441, 30.9760,
36.7038


206.4504,
209.7466, 238.8889

 21.0908, 20.5806,
24.6843

250.4831,
255.0411, 289.6590

 13.3032, 12.8178,
15.6251

300.3698,
306.4279, 347.1564

 7.7161, 7.3032,
9.1078

356.4758,

 3.9641, 3.6524,

364.2912, 411.7996

4.7138

419.1666,
429.0155, 484.0071

■ 1.6818, 1.4811,
2.0245

■ 0.4449, 0.2754,
0.5703

■ 81.5527, 81.8020,
94.7102

■ 81.5527, 81.8020,
94.7102

■ 74.3473, 68.8302,
87.8697

■ 89.7502, 96.7065,
102.0353

■ 68.0868, 57.7006,
81.4935

■ 91.1869, 98.0408,
107.2591

■ 62.7307, 48.3313,
75.5677

■ 91.4667, 98.1527,
108.7323

■ 58.2325, 40.6303,
70.0753

■ 54.5418, 34.4968,
64.9979

■ 51.6026, 29.8193,
60.3152

■ 49.3513, 26.4717,
56.0046

■ 47.7139, 24.3060,
52.0397

■ 46.5974, 23.1367,
48.3878

Harmonies

Analogous

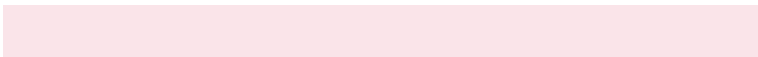
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0484, 81.8020, 99.6031



81.5527, 81.8020, 94.7102



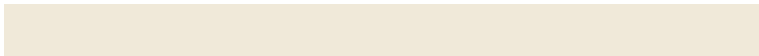
82.0322, 81.8020, 88.4975

Triad

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



81.5527, 81.8020, 94.7102



77.5507, 81.8020, 77.5589



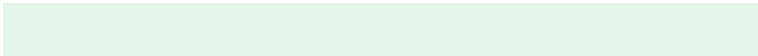
74.2617, 81.8020, 95.7465

Complementary

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



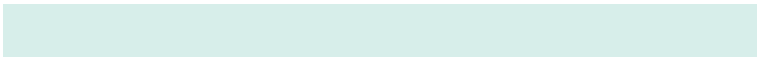
81.5527, 81.8020, 94.7102



79.6766, 87.8482, 89.8521

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.



73.6202, 81.8020, 89.6419



81.5527, 81.8020, 94.7102



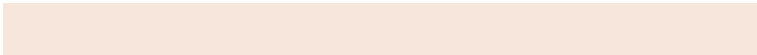
75.4967, 81.8020, 79.3041

Square

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



81.5527, 81.8020, 94.7102



79.6961, 81.8020, 78.7757



74.0681, 81.8020, 83.6554



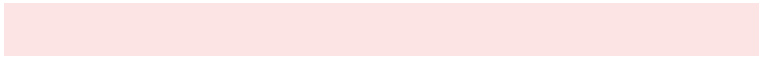
75.8365, 81.8020, 100.2208

Rectangle

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



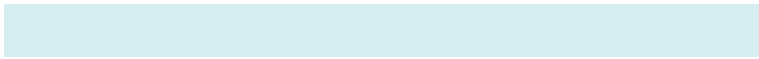
81.5527, 81.8020, 94.7102



81.6989, 81.8020, 84.4921



74.0681, 81.8020, 83.6554



73.9311, 81.8020, 93.8072

Sweetspot

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



81.5550, 81.8055, 94.7120



93.2399, 96.7072, 107.2870



78.1084, 79.9589, 97.7043



19.9761, 20.7338, 22.9808



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

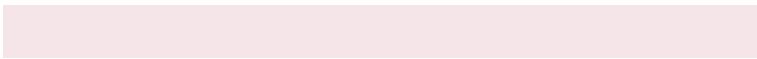
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5550, 81.8055, 94.7120



88.0734, 87.3436, 102.5763



80.3863, 81.3380, 88.5573



17.0262, 16.6933, 19.8845



24.9904, 12.3396, 25.7216



2.2373, 1.1009, 2.4759

Inverse Universe

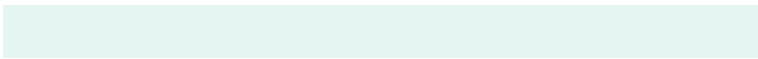
The Inverse Universe completely reimagines the original color for something new.



81.5550, 81.8055, 94.7120



88.0734, 87.3436, 102.5763



80.8454, 88.3157, 96.0067



17.0262, 16.6933, 19.8845



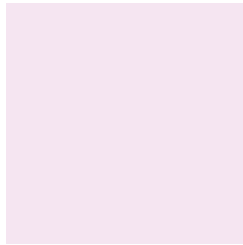
24.9904, 12.3396, 25.7216



2.2373, 1.1009, 2.4759

Previews

White Background



This preview shows how the XYZ color 81.5527, 81.8020, 94.7102 looks on a white background.

Color Contrast Check

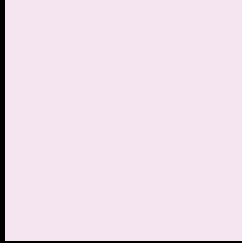
Large Text (above 18pt) WCAG AA × Fail

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 81.5527, 81.8020, 94.7102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

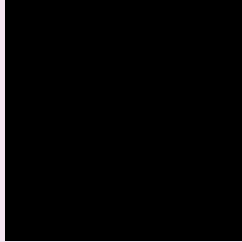
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5527, 81.8020, 94.7102

Background



This preview shows how black text looks on a background with the XYZ color 81.5527, 81.8020, 94.7102.



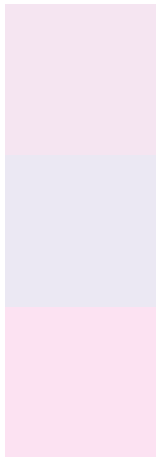
This preview shows how white text looks on a background with the XYZ color 81.5527, 81.8020,

94.7102.

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

81.5527, 81.8020, 94.7102

Protanopia

79.2952, 81.8465, 96.4127

Deuteranopia

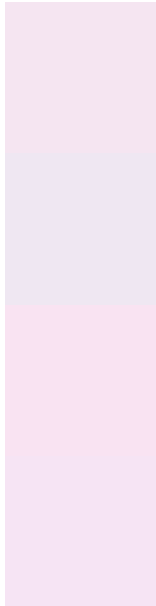
83.3683, 81.4990, 95.3413



Tritanopia

82.3840, 81.7335, 98.6228

Trichromacy



Original Color

81.5527, 81.8020, 94.7102

Protanomaly

80.1995, 81.9134, 95.5883

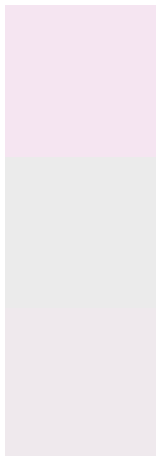
Deuteranomaly

82.5630, 81.4887, 95.3818

Tritanomaly

82.0786, 81.6113, 97.0145

Monochromacy



Original Color

81.5527, 81.8020, 94.7102

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0216, 82.7430, 91.8742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5527, 81.8020, 94.7102 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(245, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 241)  
}
```

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(245, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.5527, 81.8020, 94.7102 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(245, 229, 241) }
```


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

```
.border{ border-color:rgb(245, 229, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5527, 81.8020, 94.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 241) }
```

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

```
.background{ background-color: rgb(245,  
229, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor