

Converting Colors

XYZ(82.0356, 80.7594, 97.6506)

Have a look what the booklet for XYZ(82.0356, 80.7594, 97.6506) contains.

- XYZ(82.0356, 80.7594, 97.6506) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(82.0356, 80.7594,
97.6506)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E2F5
RGB	247, 226, 245
RGB Percent	97%, 89%, 96%
CMY	0.0314, 0.1137, 0.0392
CMYK	0.00, 0.09, 0.01, 0.03
HSL	306°, 57%, 93%
HSV	306°, 9%, 97%
XYZ	82.0356, 80.7594, 97.6506
YIQ	234.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

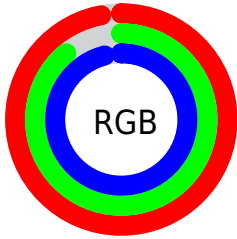
Format	Color
R _Y B	247, 226, 245
Decimal	16245493
CIE Lab	92.02, 10.43, -6.62
CIE LCh	92, 12.357, 327.594
Yxy	80.7594, 0.3150, 0.3101
Android (android.graphics.Color)	4294435573 (0xFF7E2F5)
YUV	234.4450, 5.2036, 11.0107
Hunter-Lab	89.8662, 5.6802, -1.5194

Details

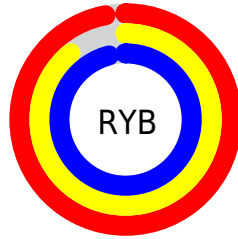
The XYZ color **82.0356, 80.7594, 97.6506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.6315, 88.2940, 86.3012**, and the grayscale version is **78.5043, 82.5926, 89.9434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2341, 43.8763, 54.2290** is the 20% darker color. If you saturate the color by 10%, you get **75.4409, 68.1401, 93.6921**, and if you desaturate by 10%, it is **89.6070, 95.3225, 101.9592**.

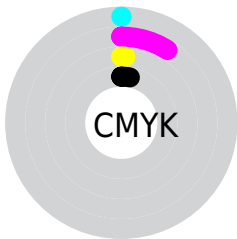
Distribution



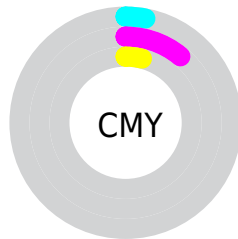
- Red (97%)
- Green (89%)
- Blue (96%)



- Red (97%)
- Yellow (89%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0356, 80.7594, 97.6506 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 82.0356, 80.7594, 97.6506 by changing the saturation by 10% instead.


 82.0356, 80.7594,
97.6506

 82.0356, 80.7594,
97.6506


490.3995,
497.4884, 573.8159

 61.7091, 60.3435,
73.7340


135.1595,
134.4329, 159.9484

 45.0524, 43.6955,
54.0809

168.6876,
168.4592, 199.1667

 31.7001, 30.4312,
38.2727


207.3469,
207.7911, 244.3226

 21.2870, 20.1661,
25.8909

251.5028,
252.8130, 295.8348

 13.4476, 12.5159,
16.5170

301.5207,
303.9093, 354.1216

 7.8166, 7.0960,
9.7325

357.7658,

 4.0286, 3.5222,

361.4644, 419.6017

5.1187

420.6036,
425.8626, 492.6936

■ 1.7183, 1.4101,
2.2571

■ 0.4677, 0.2241,
0.7070

■ 82.0356, 80.7594,
97.6506

■ 82.0356, 80.7594,
97.6506

■ 75.4409, 68.1401,
93.6921

■ 89.6070, 95.3225,
101.9592

■ 69.7748, 57.3719,
90.0645

■ 91.3279, 98.1783,
104.3393

■ 64.9953, 48.3698,
86.7550

■ 91.6988, 98.3266,
106.2920

■ 61.0549, 41.0385,
83.7474

■ 92.0742, 98.4768,
108.2691

■ 57.9012, 35.2734,
81.0242

■ 92.1684, 98.5145,
108.7651

■ 55.4761, 30.9584,
78.5660

■ 53.7135, 27.9611,
76.3507

■ 52.5350, 26.1250,
74.3521

■ 51.8292, 25.2271,
72.5329

Harmonies

Analogous

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



79.6252, 80.7594, 104.3750



82.0356, 80.7594, 97.6506



83.0288, 80.7594, 88.6700

Triad

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



82.0356, 80.7594, 97.6506



77.0162, 80.7594, 71.5796



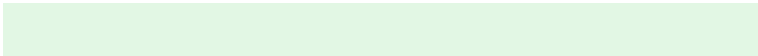
71.4695, 80.7594, 96.2924

Complementary

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



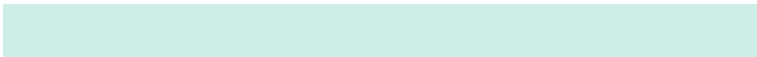
82.0356, 80.7594, 97.6506



78.6315, 88.2940, 86.3012

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.



70.8138, 80.7594, 87.2006



82.0356, 80.7594, 97.6506



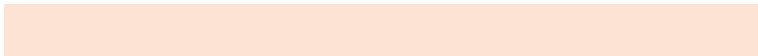
73.9632, 80.7594, 73.3157

Square

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



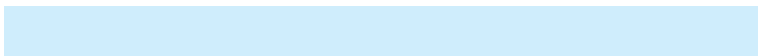
82.0356, 80.7594, 97.6506



80.0814, 80.7594, 73.9685



71.7144, 80.7594, 78.8830



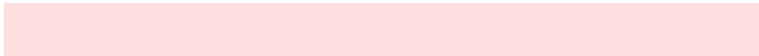
73.5306, 80.7594, 103.5536

Rectangle

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



82.0356, 80.7594, 97.6506



82.7336, 80.7594, 82.7480



71.7144, 80.7594, 78.8830



71.0800, 80.7594, 93.3307

Sweetspot

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



82.0379, 80.7629, 97.6523



92.5408, 95.1689, 107.4858



75.9040, 77.5652, 98.9682



19.6675, 20.1007, 22.9267



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.



82.0379, 80.7629, 97.6523



87.0591, 84.6402, 104.3190



80.5161, 80.1542, 89.6387



17.1416, 16.7395, 20.4920



27.3929, 13.3006, 38.3727



2.4270, 1.1768, 3.4749

Inverse Universe

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



82.0379, 80.7629, 97.6523



87.0591, 84.6402, 104.3190



80.0970, 88.8802, 94.0183



17.1416, 16.7395, 20.4920



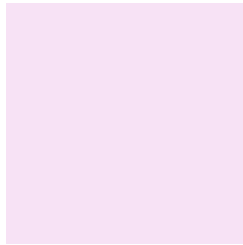
27.3929, 13.3006, 38.3727



2.4270, 1.1768, 3.4749

Previews

White Background



This preview shows how the XYZ color 82.0356, 80.7594, 97.6506 looks on a white background.

Color Contrast Check

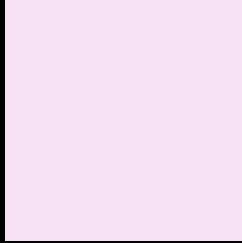
Large Text (above 18pt) WCAG AA × Fail

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 82.0356, 80.7594, 97.6506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

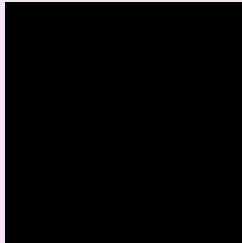
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0356, 80.7594, 97.6506

Background



This preview shows how black text looks on a background with the XYZ color 82.0356, 80.7594, 97.6506.



This preview shows how white text looks on a background with the XYZ color 82.0356, 80.7594,

97.6506.

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

82.0356, 80.7594, 97.6506

Protanopia

78.7979, 81.0849, 100.3048

Deuteranopia

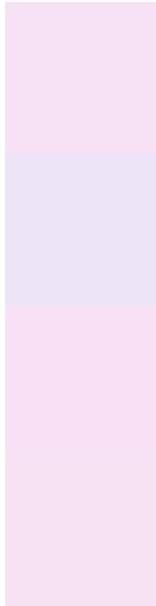
82.4736, 80.5827, 97.5934



Tritanopia

81.8833, 80.6985, 96.8486

Trichromacy



Original Color

82.0356, 80.7594, 97.6506

Protanomaly

79.7329, 80.7585, 99.3813

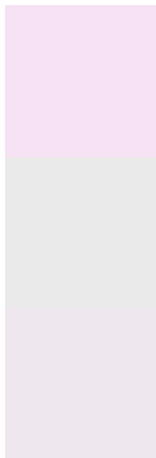
Deuteranomaly

82.1180, 80.3995, 97.5768

Tritanomaly

81.8833, 80.6985, 96.8486

Monochromacy



Original Color

82.0356, 80.7594, 97.6506

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.6051, 81.6756, 92.4582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0356, 80.7594, 97.6506 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(247, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 245)  
}
```

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(247, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.0356, 80.7594, 97.6506 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(247, 226, 245) }
```


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

```
.border{ border-color:rgb(247, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0356, 80.7594, 97.6506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 245) }
```

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

```
.background{ background-color: rgb(247,  
226, 245) }
```

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