

Converting Colors

XYZ(83.6252, 82.7949, 98.2554)

Have a look what the booklet for
XYZ(83.6252, 82.7949, 98.2554)
contains.

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Color

**XYZ(83.5677, 82.7709,
97.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E5F5
RGB	249, 229, 245
RGB Percent	98%, 90%, 96%
CMY	0.0235, 0.1019, 0.0392
CMYK	0.00, 0.08, 0.02, 0.02
HSL	312°, 63%, 94%
HSV	312°, 8%, 98%
XYZ	83.5677, 82.7709, 97.9581
YIQ	236.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

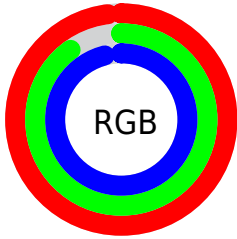
Format	Color
R _Y B	249, 229, 245
Decimal	16377333
CIE Lab	92.91, 9.54, -5.29
CIE LCh	93, 10.913, 330.997
Yxy	82.7709, 0.3162, 0.3132
Android (android.graphics.Color)	4294567413 (0xFF9E5F5)
YUV	236.8040, 4.0406, 10.6959
Hunter-Lab	90.9785, 4.7476, -0.1536

Details

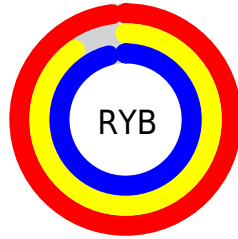
The XYZ color **83.5677, 82.7709, 97.9581** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8999, 90.2949, 90.2600**, and the grayscale version is **80.3138, 84.4964, 92.0166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3137, 45.2837, 54.4437** is the 20% darker color. If you saturate the color by 10%, you get **76.4167, 69.6684, 91.8736**, and if you desaturate by 10%, it is **91.7321, 97.8650, 104.4834**.

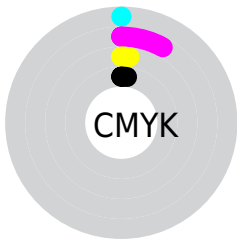
Distribution



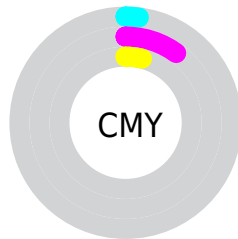
- Red (98%)
- Green (90%)
- Blue (96%)



- Red (98%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5677, 82.7709, 97.9581 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 83.5677, 82.7709, 97.9581 by changing the saturation by 10% instead.


 83.5677, 82.7709,
97.9581

 83.5677, 82.7709,
97.9581

495.4319,
504.2227, 574.8168

 62.9771, 62.0012,
73.9890


137.2947,
137.2545, 160.3756

 46.0812, 45.0336,
54.2883


171.1618,
171.7372, 199.6611

 32.5148, 31.4839,
38.4375

210.1851,
211.5597, 244.8892

 21.9125, 20.9676,
26.0179

254.7299,
257.1064, 296.4784

 13.9089, 13.1003,
16.6112

305.1616,
308.7616, 354.8472

 8.1386, 7.4977,
9.7986

361.8457,

 4.2363, 3.7752,

366.9098, 420.4141

5.1618

425.1473,
431.9354, 493.5978

■ 1.8367, 1.5486,
2.2821

■ 0.5396, 0.3226,
0.7212

■ 83.5677, 82.7709,
97.9581

■ 83.5677, 82.7709,
97.9581

■ 76.4167, 69.6684,
91.8736

■ 91.7321, 97.8650,
104.4834

■ 70.2299, 58.4630,
86.2098

■ 92.8718, 98.8777,
108.7679

■ 64.9646, 49.0685,
80.9526

■ 92.8775, 98.8801,
108.7983

■ 60.5723, 41.3879,
76.0851

■ 56.9997, 35.3150,
71.5886

■ 54.1877, 30.7318,
67.4426

■ 52.0691, 27.5042,
63.6240

■ 50.5646, 25.4738,
60.1054

■ 49.5660, 24.4246,
56.8500

Harmonies

Analogous

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



81.5306, 82.7709, 104.2738



83.5677, 82.7709, 97.9581



84.2851, 82.7709, 89.8502

Triad

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



83.5677, 82.7709, 97.9581



78.5758, 82.7709, 75.3088



74.0616, 82.7709, 98.4598

Complementary

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



83.5677, 82.7709, 97.9581



80.8999, 90.2949, 90.2600

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.



73.3124, 82.7709, 90.3972



83.5677, 82.7709, 97.9581



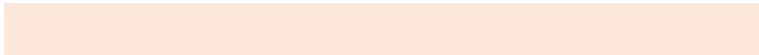
75.8795, 82.7709, 77.3149

Square

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



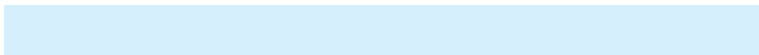
83.5677, 82.7709, 97.9581



81.3613, 82.7709, 77.0683



73.9699, 82.7709, 82.7181



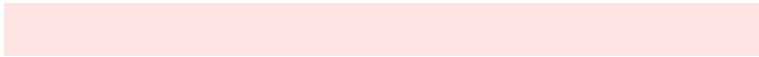
76.0411, 82.7709, 104.5755

Rectangle

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



83.5677, 82.7709, 97.9581



83.9051, 82.7709, 84.6098



73.9699, 82.7709, 82.7181



73.6597, 82.7709, 95.8715

Sweetspot

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



83.5701, 82.7745, 97.9599



93.2807, 96.7235, 107.5020



78.7259, 80.2059, 100.9559



19.9844, 20.7371, 23.0246



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

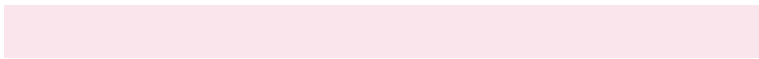
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5701, 82.7745, 97.9599



86.6373, 84.4715, 102.0976



82.0845, 82.1802, 90.1367



17.8355, 17.4616, 20.9894



26.4938, 13.0133, 30.3726



2.4903, 1.2198, 3.0052

Inverse Universe

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



83.5701, 82.7745, 97.9599



86.6373, 84.4715, 102.0976



82.3692, 90.8826, 97.9971



17.8355, 17.4616, 20.9894



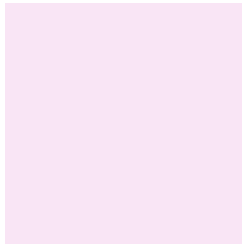
26.4938, 13.0133, 30.3726



2.4903, 1.2198, 3.0052

Previews

White Background



This preview shows how the XYZ color 83.5677, 82.7709, 97.9581 looks on a white background.

Color Contrast Check

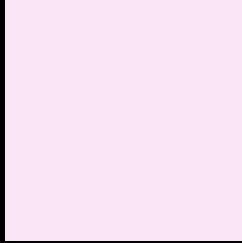
Large Text (above 18pt) WCAG AA × Fail

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 83.5677, 82.7709, 97.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

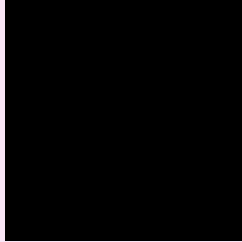
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5677, 82.7709, 97.9581

Background



This preview shows how black text looks on a background with the XYZ color 83.5677, 82.7709, 97.9581.



This preview shows how white text looks on a background with the XYZ color 83.5677, 82.7709,

97.9581.

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

83.5677, 82.7709, 97.9581

Protanopia

80.3431, 82.7173, 100.5384

Deuteranopia

84.7328, 82.9620, 97.9336



Tritanopia

83.8747, 82.8938, 99.5751

Trichromacy



Original Color

83.5677, 82.7709, 97.9581

Protanomaly

81.5803, 82.9539, 99.7076

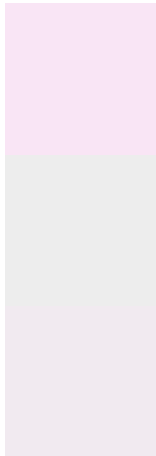
Deuteranomaly

84.3697, 82.7748, 97.9166

Tritanomaly

83.7208, 82.8322, 98.7644

Monochromacy



Original Color

83.5677, 82.7709, 97.9581

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4266, 83.8377, 94.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5677, 82.7709, 97.9581 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(249, 229, 245) looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 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(249, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 245) }
```

Border

The CSS property to change the border of an element to XYZ 83.5677, 82.7709, 97.9581 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(249, 229, 245) }
```


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

```
.border{ border-color:rgb(249, 229, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5677, 82.7709, 97.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 245) }
```

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

```
.background{ background-color: rgb(249,  
229, 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](#).

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