

Converting Colors

XYZ(85.0095, 82.9270, 97.6246)

Have a look what the booklet for
XYZ(85.0095, 82.9270, 97.6246)
contains.

XYZ(85.0979, 83.1502, 97.9507)	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(85.0979, 83.1502,
97.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4F5
RGB	254, 228, 245
RGB Percent	100%, 89%, 96%
CMY	0.0039, 0.1059, 0.0392
CMYK	0.00, 0.10, 0.04, 0.00
HSL	321°, 93%, 95%
HSV	321°, 10%, 100%
XYZ	85.0979, 83.1502, 97.9507
YIQ	237.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

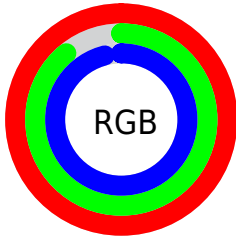
Format	Color
R _Y B	254, 228, 245
Decimal	16704757
CIE Lab	93.08, 11.73, -5.00
CIE LCh	93, 12.755, 336.922
Yxy	83.1502, 0.3197, 0.3124
Android (android.graphics.Color)	4294894837 (0xFFEE4F5)
YUV	237.7120, 3.5930, 14.2846
Hunter-Lab	91.1867, 7.0042, 0.1428

Details

The XYZ color **85.0979, 83.1502, 97.9507** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7260, 93.4943, 93.8113**, and the grayscale version is **81.0151, 85.2341, 92.8200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1548, 45.4316, 54.4280** is the 20% darker color. If you saturate the color by 10%, you get **77.3071, 69.6652, 88.8875**, and if you desaturate by 10%, it is **93.9838, 98.7210, 107.6958**.

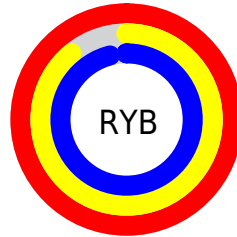
Distribution



Red (100%)

Green (89%)

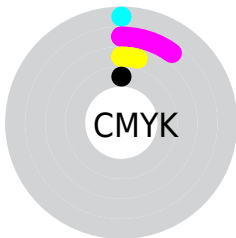
Blue (96%)



Red (100%)

Yellow (89%)

Blue (96%)

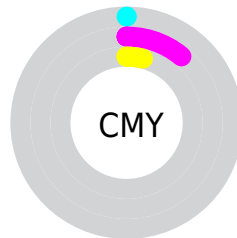


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0979, 83.1502, 97.9507 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 85.0979, 83.1502, 97.9507 by changing the saturation by 10% instead.


 85.0979, 83.1502,
97.9507

 85.0979, 83.1502,
97.9507


500.4308,
505.4870, 574.7927

 64.2450, 62.3141,
73.9829


139.4233,
137.7858, 160.3653

 47.1116, 45.2865,
54.2833


173.6265,
172.3541, 199.6492

 33.3322, 31.6832,
38.4335


213.0105,
212.2685, 244.8756

 22.5415, 21.1196,
26.0149

257.9408,
257.9135, 296.4629

 14.3742, 13.2115,
16.6089

308.7826,
309.6734, 354.8297

 8.4648, 7.5743,
9.7970

365.9013,

 4.4481, 3.8238,

367.9327, 420.3946

5.1608

429.6622,
433.0758, 493.5761

■ 1.9586, 1.5755,
2.2815

■ 0.6106, 0.3410,
0.7208

■ 85.0979, 83.1502,
97.9507

■ 85.0979, 83.1502,
97.9507

■ 77.3071, 69.6652,
88.8875

■ 93.9838, 98.7210,
107.6958

■ 70.5587, 58.1656,
80.4813

■ 94.6836, 99.8111,
108.8829

■ 64.8065, 48.5590,
72.7132

■ 59.9976, 40.7412,
65.5611

■ 56.0742, 34.5981,
59.0012

■ 52.9718, 30.0021,
53.0072

■ 50.6167, 26.8073,
47.5496

■ 48.9207, 24.8395,
42.5943

■ 47.7624, 23.8266,
38.1887

Harmonies

Analogous

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



82.9589, 83.1502, 106.0758



85.0979, 83.1502, 97.9507



85.5903, 83.1502, 88.3345

Triad

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



85.0979, 83.1502, 97.9507



78.2591, 83.1502, 73.4536



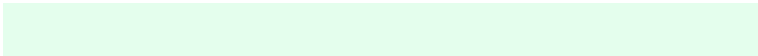
74.0004, 83.1502, 102.0592

Complementary

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



85.0979, 83.1502, 97.9507



82.7260, 93.4943, 93.8113

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.



72.8171, 83.1502, 92.7746



85.0979, 83.1502, 97.9507



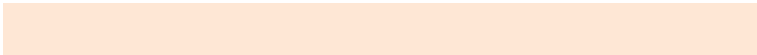
75.2305, 83.1502, 76.5940

Square

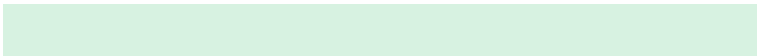
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



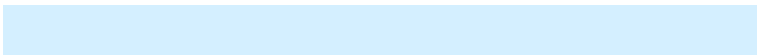
85.0979, 83.1502, 97.9507



81.5799, 83.1502, 74.6253



73.2610, 83.1502, 83.5061



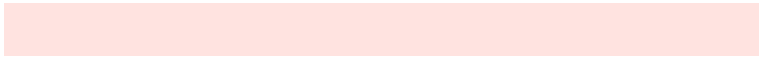
76.5373, 83.1502, 108.5622

Rectangle

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



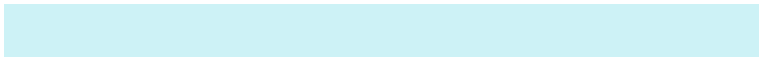
85.0979, 83.1502, 97.9507



84.9065, 83.1502, 82.4495



73.2610, 83.1502, 83.5061



73.4345, 83.1502, 99.1356

Sweetspot

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



85.1003, 83.1538, 97.9525



92.2344, 95.0464, 105.8723



80.4500, 80.5939, 105.0832



19.5846, 20.0675, 22.4901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

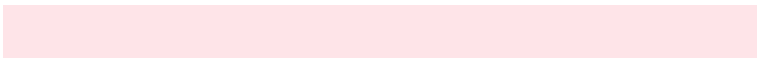
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1003, 83.1538, 97.9525



84.3942, 81.3429, 97.1642



83.2323, 82.4066, 88.1155



18.5098, 18.1873, 21.3020



25.2529, 12.5904, 20.5138



2.5103, 1.2465, 2.2688

Inverse Universe

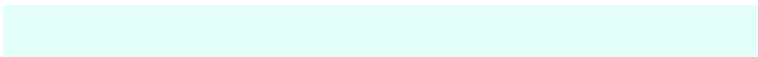
The Inverse Universe completely reimagines the original color for something new.



85.1003, 83.1538, 97.9525



84.3942, 81.3429, 97.1642



84.6425, 94.2609, 103.9036



18.5098, 18.1873, 21.3020



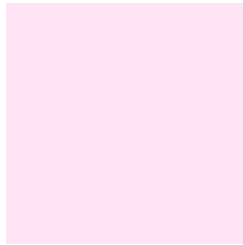
25.2529, 12.5904, 20.5138



2.5103, 1.2465, 2.2688

Previews

White Background



This preview shows how the XYZ color 85.0979, 83.1502, 97.9507 looks on a white background.

Color Contrast Check

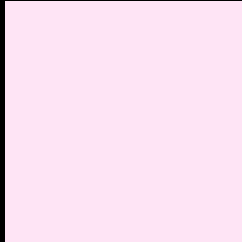
Large Text (above 18pt) WCAG AA × Fail

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 85.0979, 83.1502, 97.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

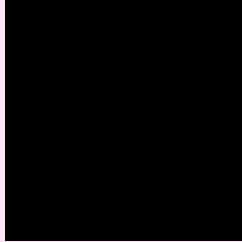
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0979, 83.1502, 97.9507

Background



This preview shows how black text looks on a background with the XYZ color 85.0979, 83.1502, 97.9507.



This preview shows how white text looks on a background with the XYZ color 85.0979, 83.1502,

97.9507.

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

85.0979, 83.1502, 97.9507

Protanopia

80.9582, 83.4558, 100.6486

Deuteranopia

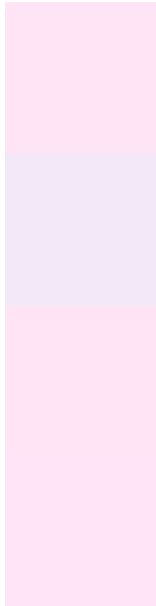
85.0979, 83.1502, 97.9507



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

85.0979, 83.1502, 97.9507

Protanomaly

82.6073, 83.4833, 99.7557

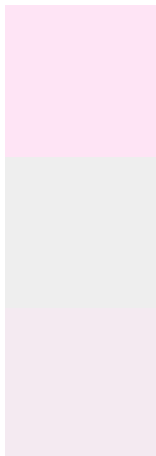
Deuteranomaly

85.0979, 83.1502, 97.9507

Tritanomaly

85.2510, 83.2115, 98.7570

Monochromacy



Original Color

85.0979, 83.1502, 97.9507

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.6082, 84.4296, 95.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0979, 83.1502, 97.9507 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(254, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 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(254, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.0979, 83.1502, 97.9507 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(254, 228, 245) }
```


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

```
.border{ border-color:rgb(254, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0979, 83.1502, 97.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 245) }
```

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

```
.background{ background-color: rgb(254,  
228, 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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