

Converting Colors

XYZ(85.7483, 82.3024,
105.9743)

Have a look what the booklet for
XYZ(85.7483, 82.3024, 105.9743)
contains.

XYZ(85.7544, 82.4954, 106.0112)	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(85.7544, 82.4954,
106.0112)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE2FF
RGB	253, 226, 255
RGB Percent	99%, 89%, 100%
CMY	0.0078, 0.1137, 0.0000
CMYK	0.01, 0.11, 0.00, 0.00
HSL	296°, 100%, 94%
HSV	296°, 11%, 100%
XYZ	85.7544, 82.4954, 106.0112
YIQ	237.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

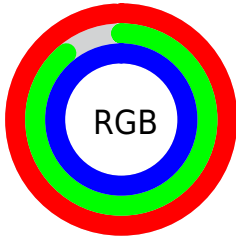
Format	Color
R_{YB}	253, 226, 255
Decimal	16638719
CIE _{Lab}	92.79, 14.21, -10.65
CIE _{LCh}	93, 17.757, 323.141
Yxy	82.4954, 0.3127, 0.3008
Android (android.graphics.Color)	4294828799 (0xFFFFDE2FF)
YUV	237.3790, 8.6872, 13.6996
Hunter-Lab	90.8270, 9.5838, -5.6231

Details

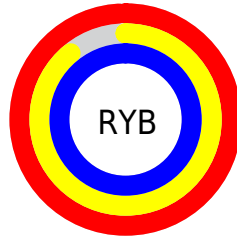
The XYZ color **85.7544, 82.4954, 106.0112** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.4845, 93.5060, 85.7095**, and the grayscale version is **80.7217, 84.9255, 92.4839**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5209, 44.9388, 59.5955** is the 20% darker color. If you saturate the color by 10%, you get **78.6934, 69.3179, 103.8398**, and if you desaturate by 10%, it is **93.8569, 97.7452, 108.5277**.

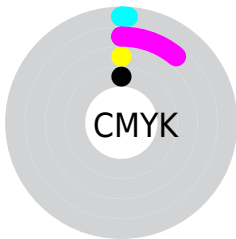
Distribution



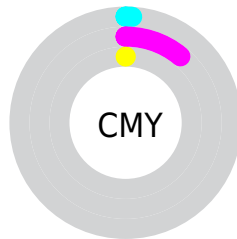
- Red (99%)
- Green (89%)
- Blue (100%)



- Red (99%)
- Yellow (89%)
- Blue (100%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7544, 82.4954, 106.0112 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 85.7544, 82.4954, 106.0112 by changing the saturation by 10% instead.


 85.7544, 82.4954,
106.0112

 85.7544, 82.4954,
106.0112


502.5672,
503.3033, 600.7085

 64.7895, 61.7740,
80.6854

140.3353,
136.8685, 171.5174

 47.5545, 44.8501,
59.7530


174.6820,
171.2890, 212.5348

 33.6840, 31.3394,
42.7956


214.2200,
211.0446, 259.6199

 22.8127, 20.8574,
29.3946

259.3147,
256.5197, 313.1911

 14.5752, 13.0198,
19.1314

310.3314,
308.0987, 373.6670

 8.6062, 7.4422,
11.5875

367.6355,

 4.5402, 3.7401,

366.1661, 441.4662

6.3443

431.5923,
431.1061, 517.0072

■ 2.0121, 1.5293,
2.9834

■ 0.6407, 0.3092,
1.0862

■ 85.7544, 82.4954,
106.0112

■ 85.7544, 82.4954,
106.0112

■ 78.6934, 69.3179,
103.8398

■ 93.8569, 97.7452,
108.5277

■ 72.6218, 58.1115,
101.9968

■ 95.0500, 100.0000,
108.9000

■ 67.4932, 48.7823,
100.4664

■ 63.2546, 41.2245,
99.2310

■ 59.8479, 35.3218,
98.2712

■ 57.2080, 30.9441,
97.5654

■ 55.2600, 27.9417,
97.0885

■ 53.9141, 26.1347,
96.8107

■ 53.1173, 25.2979,
96.6911

Harmonies

Analogous

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



81.9623, 82.4954, 115.3824



85.7544, 82.4954, 106.0112



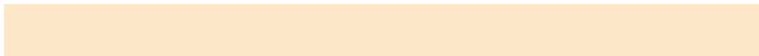
87.5897, 82.4954, 92.9048

Triad

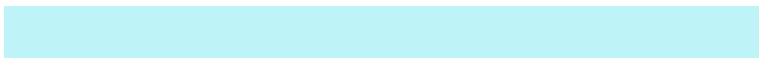
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7544, 82.4954, 106.0112



79.4781, 82.4954, 66.8019



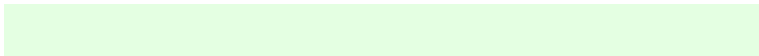
70.5006, 82.4954, 100.2262

Complementary

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



85.7544, 82.4954, 106.0112



81.4845, 93.5060, 85.7095

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.



69.8941, 82.4954, 86.8110



85.7544, 82.4954, 106.0112



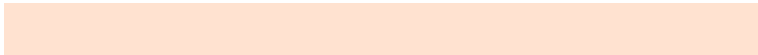
74.9607, 82.4954, 68.3486

Square

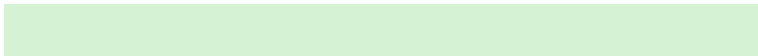
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7544, 82.4954, 106.0112



83.8748, 82.4954, 70.9196



71.4963, 82.4954, 75.3737



73.1867, 82.4954, 111.8194

Rectangle

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



85.7544, 82.4954, 106.0112



87.4073, 82.4954, 84.1479



71.4963, 82.4954, 75.3737



70.0512, 82.4954, 95.7487

Sweetspot

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



85.7566, 82.4989, 106.0118



92.4642, 95.1159, 108.0936



77.2755, 79.1090, 105.8044



19.6467, 20.0863, 23.0915



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.



85.7566, 82.4989, 106.0118



83.8004, 78.8360, 105.4079



84.6034, 82.1221, 96.1220



18.6618, 18.2329, 22.7857



27.8075, 13.2458, 50.5257



2.7431, 1.3081, 4.9212

Inverse Universe

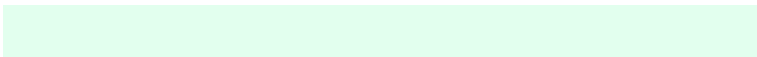
The Inverse Universe completely reimagines the original color for something new.



82.4421, 81.2576, 84.7409



79.8026, 77.3408, 79.6612



82.5712, 93.8678, 94.7221



18.0601, 18.0074, 18.9339



21.6226, 11.1383, 1.3972



2.1222, 1.0913, 0.2249

Previews

White Background



This preview shows how the XYZ color 85.7544, 82.4954, 106.0112 looks on a white background.

Color Contrast Check

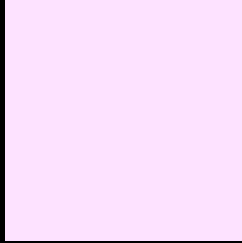
Large Text (above 18pt) WCAG AA × Fail

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 85.7544, 82.4954, 106.0112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

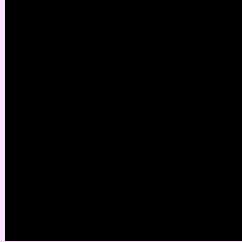
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7544, 82.4954, 106.0112

Background



This preview shows how black text looks on a background with the XYZ color 85.7544, 82.4954, 106.0112.

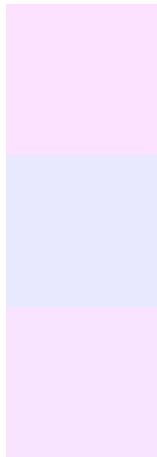


This preview shows how white text looks on a background with the XYZ color 85.7544, 82.4954,

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

85.7544, 82.4954, 106.0112

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

84.5048, 82.6633, 106.1095



Tritanopia

84.3697, 82.7748, 97.9166

Trichromacy



Original Color

85.7544, 82.4954, 106.0112

Protanomaly

82.2820, 82.3389, 106.1640

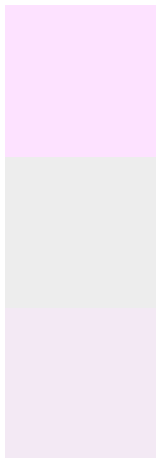
Deuteranomaly

84.9434, 82.4822, 106.0514

Tritanomaly

84.7129, 82.4732, 101.0766

Monochromacy



Original Color

85.7544, 82.4954, 106.0112

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.4302, 83.8642, 97.4308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7544, 82.4954, 106.0112 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(253, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 226, 255)  
}
```

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(253, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.7544, 82.4954, 106.0112 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(253, 226, 255) }
```


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

```
.border{ border-color:rgb(253, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7544, 82.4954, 106.0112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 226, 255) }
```

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

```
.background{ background-color: rgb(253,  
226, 255) }
```

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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