

Converting Colors

XYZ(86.2431, 84.3163,
100.0144)

Have a look what the booklet for
XYZ(86.2431, 84.3163, 100.0144)
contains.

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Color

**XYZ(86.3253, 84.5690,
99.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6F7
RGB	255, 230, 247
RGB Percent	100%, 90%, 97%
CMY	0.0000, 0.0980, 0.0314
CMYK	0.00, 0.10, 0.03, 0.00
HSL	319°, 100%, 95%
HSV	319°, 10%, 100%
XYZ	86.3253, 84.5690, 99.7693
YIQ	239.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

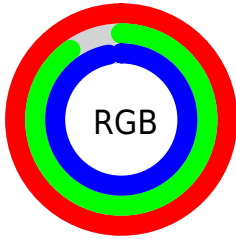
Format	Color
R _Y B	255, 230, 247
Decimal	16770807
CIE Lab	93.70, 11.38, -5.12
CIE LCh	94, 12.481, 335.763
Yxy	84.5690, 0.3189, 0.3125
Android (android.graphics.Color)	4294960887 (0xFFFE6F7)
YUV	239.4130, 3.7404, 13.6698
Hunter-Lab	91.9614, 6.6277, 0.0490

Details

The XYZ color **86.3253, 84.5690, 99.7693** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8283, 94.5173, 94.7177**, and the grayscale version is **82.3342, 86.6219, 94.3313**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8287, 46.0395, 55.6559** is the 20% darker color. If you saturate the color by 10%, you get **78.5098, 70.9092, 91.0873**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

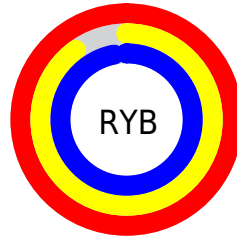
Distribution



Red (100%)

Green (90%)

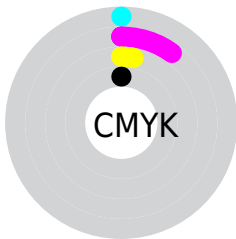
Blue (97%)



Red (100%)

Yellow (90%)

Blue (97%)

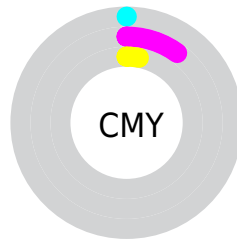


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3253, 84.5690, 99.7693 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 86.3253, 84.5690, 99.7693 by changing the saturation by 10% instead.


 86.3253, 84.5690,
99.7693

 86.3253, 84.5690,
99.7693


504.4211,
510.2008, 580.6931

 65.2632, 63.4853,
75.4921


141.1278,
139.7708, 162.8892

 47.9400, 46.2339,
55.5120


175.5990,
174.6578, 202.5690

 33.9904, 32.4305,
39.4104


215.2705,
214.9146, 248.2200

 23.0491, 21.6905,
26.7689

260.5077,
260.9257, 300.2609

 14.7507, 13.6297,
17.1688

311.6760,
313.0755, 359.1101

 8.7298, 7.8635,
10.1917

369.1408,

 4.6210, 4.0078,

371.7484, 425.1862

5.4190

433.2674,
437.3287, 498.9077

■ 2.0591, 1.6779,
2.4321

■ 0.6668, 0.4093,
0.8039

■ 86.3253, 84.5690,
99.7693

■ 86.3253, 84.5690,
99.7693

■ 78.5098, 70.9092,
91.0873

95.0500, 100.0000,
108.9000

■ 71.7400, 59.2541,
83.0212

■ 65.9689, 49.5103,
75.5530

■ 61.1436, 41.5733,
68.6615

■ 57.2061, 35.3284,
62.3238

■ 54.0919, 30.6476,
56.5145

■ 51.7271, 27.3845,
51.2053

■ 50.0240, 25.3648,
46.3630

■ 48.8425, 24.3098,
41.9370

Harmonies

Analogous

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



84.1580, 84.5690, 107.6797



86.3253, 84.5690, 99.7693



86.8812, 84.5690, 90.2629

Triad

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



86.3253, 84.5690, 99.7693



79.7428, 84.5690, 75.1086



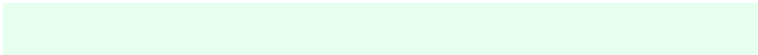
75.3251, 84.5690, 103.1514

Complementary

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



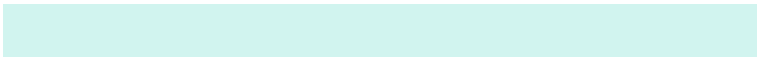
86.3253, 84.5690, 99.7693



83.8283, 94.5173, 94.7177

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.



74.2121, 84.5690, 93.9239



86.3253, 84.5690, 99.7693



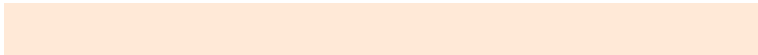
76.7173, 84.5690, 78.0670

Square

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



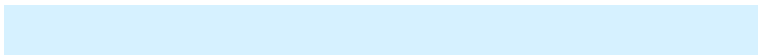
86.3253, 84.5690, 99.7693



83.0217, 84.5690, 76.4387



74.7147, 84.5690, 84.7987



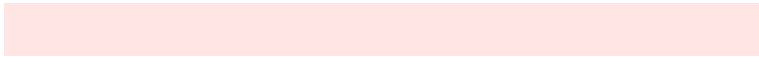
77.7955, 84.5690, 109.7243

Rectangle

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



86.3253, 84.5690, 99.7693



86.2502, 84.5690, 84.3829



74.7147, 84.5690, 84.7987



74.7830, 84.5690, 100.2342

Sweetspot

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



86.3272, 84.5724, 99.7711



92.2662, 95.0591, 106.0400



81.5817, 81.9803, 106.1317



19.5932, 20.0710, 22.5354



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.



86.3272, 84.5724, 99.7711



84.5164, 81.3918, 97.8081



84.4744, 83.8313, 90.0144



18.5308, 18.1956, 21.4124



25.5812, 12.7218, 22.2430



2.5406, 1.2586, 2.4283

Inverse Universe

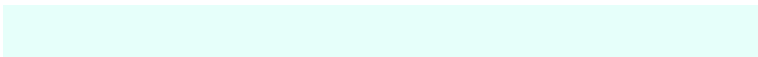
The Inverse Universe completely reimagines the original color for something new.



86.3272, 84.5724, 99.7711



84.5164, 81.3918, 97.8081



85.7159, 95.2723, 104.6580



18.5308, 18.1956, 21.4124



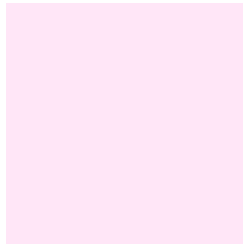
25.5812, 12.7218, 22.2430



2.5406, 1.2586, 2.4283

Previews

White Background



This preview shows how the XYZ color 86.3253, 84.5690, 99.7693 looks on a white background.

Color Contrast Check

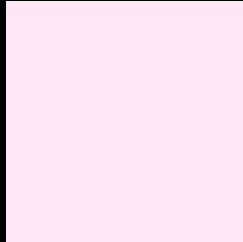
Large Text (above 18pt) WCAG AA × Fail

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 86.3253, 84.5690, 99.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

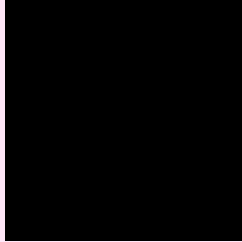
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3253, 84.5690, 99.7693

Background



This preview shows how black text looks on a background with the XYZ color 86.3253, 84.5690, 99.7693.



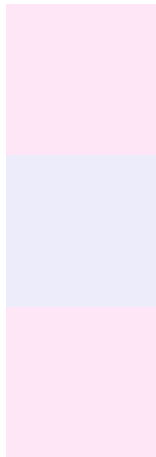
This preview shows how white text looks on a background with the XYZ color 86.3253, 84.5690,

99.7693.

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

86.3253, 84.5690, 99.7693

Protanopia

82.1758, 84.8976, 102.4982

Deuteranopia

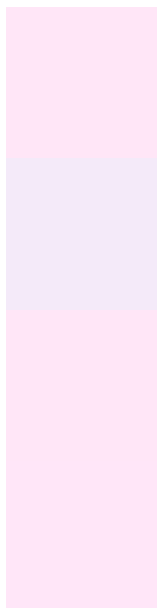
86.3253, 84.5690, 99.7693



Tritanopia

86.4801, 84.6309, 100.5843

Trichromacy



Original Color

86.3253, 84.5690, 99.7693

Protanomaly

83.8299, 84.9183, 101.5951

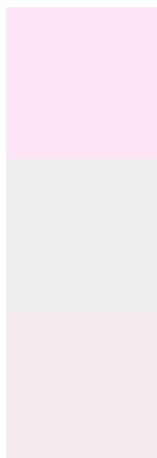
Deuteranomaly

86.3253, 84.5690, 99.7693

Tritanomaly

86.4801, 84.6309, 100.5843

Monochromacy



Original Color

86.3253, 84.5690, 99.7693

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.6787, 85.8142, 96.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3253, 84.5690, 99.7693 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(255, 230, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 247)  
}
```

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(255, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 247) }
```

Border

The CSS property to change the border of an element to XYZ 86.3253, 84.5690, 99.7693 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(255, 230, 247) }
```


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

```
.border{ border-color:rgb(255, 230, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3253, 84.5690, 99.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 247) }
```

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

```
.background{ background-color: rgb(255,  
230, 247) }
```

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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