

Converting Colors

XYZ(115.1163, 100.0000,
102.5269)

Have a look what the booklet for
XYZ(115.1163, 100.0000, 102.5269)
contains.

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Color

**XYZ(86.9148, 85.2514,
101.4968)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F9
RGB	255, 231, 249
RGB Percent	100%, 91%, 98%
CMY	0.0000, 0.0941, 0.0235
CMYK	0.00, 0.09, 0.02, 0.00
HSL	315°, 100%, 95%
HSV	315°, 9%, 100%
XYZ	86.9148, 85.2514, 101.4968
YIQ	240.2280, 8.5260, 10.6860

Conversions

Conversions Part 2

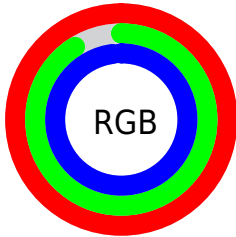
Format	Color
R _Y B	255, 231, 249
Decimal	16771065
CIE _{Lab}	93.99, 11.21, -5.73
CIE _{LCh}	94, 12.592, 332.926
Y _{xy}	85.2514, 0.3176, 0.3115
Android (android.graphics.Color)	4294961145 (0xFFFFE7F9)
YUV	240.2280, 4.3246, 12.9550
Hunter-Lab	92.3317, 6.4474, -0.5431

Details

The XYZ color **86.9148, 85.2514, 101.4968** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0036, 94.6246, 93.9611**, and the grayscale version is **82.9673, 87.2880, 95.0566**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2443, 46.5160, 56.8878** is the 20% darker color. If you saturate the color by 10%, you get **79.3139, 71.6136, 94.1412**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

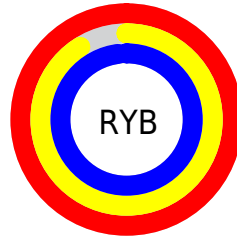
Distribution



Red (100%)

Green (91%)

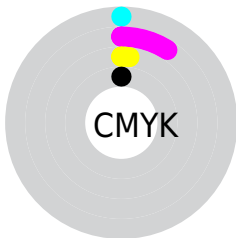
Blue (98%)



Red (100%)

Yellow (91%)

Blue (98%)

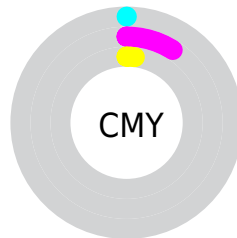


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9148, 85.2514, 101.4968 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 86.9148, 85.2514, 101.4968 by changing the saturation by 10% instead.

86.9148, 85.2514,
101.4968

86.9148, 85.2514,
101.4968

506.3316,
512.4596, 586.2686

65.7525, 64.0491,
76.9273

141.9457,
140.7244, 165.2824

48.3385, 46.6905,
56.6820

176.5449,
175.7638, 205.3356

34.3074, 32.7910,
40.3423

216.3539,
216.1845, 251.3871

23.2938, 21.9664,
27.4898

261.7379,
262.3708, 303.8555

14.9325, 13.8322,
17.7057

313.0623,
314.7070, 363.1593

8.8580, 8.0041,
10.5717

370.6925,

4.7051, 4.0975,

373.5776, 429.7171

5.6691

434.9938,
439.3670, 503.9473

■ 2.1082, 1.7283,
2.5794

■ 0.6937, 0.4419,
0.8818

■ 86.9148, 85.2514,
101.4968

■ 86.9148, 85.2514,
101.4968

■ 79.3139, 71.6136,
94.1412

95.0500, 100.0000,
108.9000

■ 72.7394, 59.9757,
87.2914

■ 67.1449, 50.2448,
80.9315

■ 62.4781, 42.3169,
75.0423

■ 58.6816, 36.0778,
69.6030

■ 55.6916, 31.4003,
64.5906

■ 53.4351, 28.1391,
59.9791

■ 51.8253, 26.1214,
55.7377

■ 50.7295, 25.0819,
51.8203

Harmonies

Analogous

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



84.5892, 85.2514, 109.2257



86.9148, 85.2514, 101.4968



87.6494, 85.2514, 91.8835

Triad

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



86.9148, 85.2514, 101.4968



80.6997, 85.2514, 75.5554



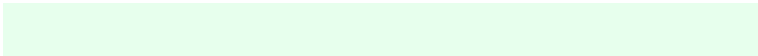
75.7296, 85.2514, 103.2421

Complementary

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



86.9148, 85.2514, 101.4968



84.0036, 94.6246, 93.9611

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.



74.7505, 85.2514, 93.7715



86.9148, 85.2514, 101.4968



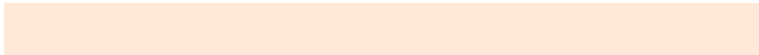
77.5699, 85.2514, 78.1529

Square

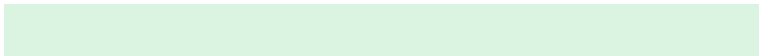
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



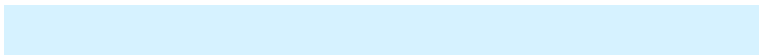
86.9148, 85.2514, 101.4968



84.0031, 85.2514, 77.3142



75.4149, 85.2514, 84.6604



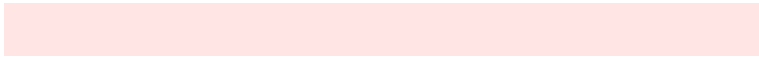
78.1258, 85.2514, 110.2812

Rectangle

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



86.9148, 85.2514, 101.4968



87.1219, 85.2514, 85.8060



75.4149, 85.2514, 84.6604



75.2268, 85.2514, 100.2152

Sweetspot

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



86.9167, 85.2548, 101.4986



92.3515, 95.0932, 106.4890



81.4207, 82.3117, 106.2042



19.6162, 20.0802, 22.6569



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.



86.9167, 85.2548, 101.4986



85.6368, 82.9474, 100.2937



85.1628, 84.5533, 92.2627



18.5872, 18.2182, 21.7094



26.5400, 13.1053, 27.2916



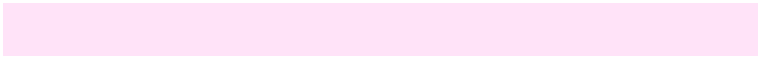
2.6278, 1.2935, 2.8872

Inverse Universe

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



86.9167, 85.2548, 101.4986



85.6368, 82.9474, 100.2937



85.7537, 95.3246, 103.1769



18.5872, 18.2182, 21.7094



26.5400, 13.1053, 27.2916



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 86.9148, 85.2514, 101.4968 looks on a white background.

Color Contrast Check

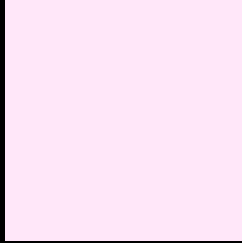
Large Text (above 18pt) WCAG AA × Fail

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 86.9148, 85.2514, 101.4968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

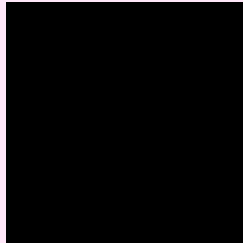
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.9148, 85.2514, 101.4968

Background



This preview shows how black text looks on a background with the XYZ color 86.9148, 85.2514, 101.4968.



This preview shows how white text looks on a background with the XYZ color 86.9148, 85.2514,

101.4968.

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

86.9148, 85.2514, 101.4968

Protanopia

82.8260, 85.1963, 104.1746

Deuteranopia

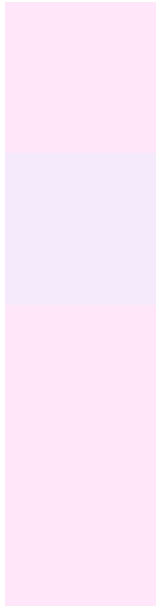
86.9148, 85.2514, 101.4968



Tritanopia

86.9148, 85.2514, 101.4968

Trichromacy



Original Color

86.9148, 85.2514, 101.4968

Protanomaly

84.1436, 85.0438, 103.2470

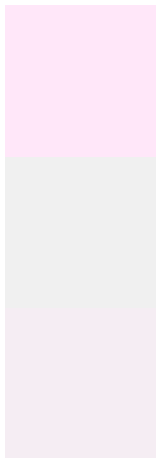
Deuteranomaly

86.9148, 85.2514, 101.4968

Tritanomaly

86.9148, 85.2514, 101.4968

Monochromacy



Original Color

86.9148, 85.2514, 101.4968

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

84.1180, 86.4519, 97.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9148, 85.2514, 101.4968 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, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 249)  
}
```

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, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.9148, 85.2514, 101.4968 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, 231, 249) }
```


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

```
.border{ border-color:rgb(255, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9148, 85.2514, 101.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 249) }
```

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

```
.background{ background-color: rgb(255,  
231, 249) }
```

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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