

Converting Colors

XYZ(86.2689, 84.3044,
100.2188)

Have a look what the booklet for
XYZ(86.2689, 84.3044, 100.2188)
contains.

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Color

**XYZ(86.2026, 84.0759,
100.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5F8
RGB	255, 229, 248
RGB Percent	100%, 90%, 97%
CMY	0.0000, 0.1019, 0.0274
CMYK	0.00, 0.10, 0.03, 0.00
HSL	316°, 100%, 95%
HSV	316°, 10%, 100%
XYZ	86.2026, 84.0759, 100.4918
YIQ	238.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

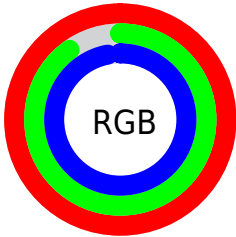
Format	Color
R _Y B	255, 229, 248
Decimal	16770552
CIE Lab	93.48, 12.07, -5.96
CIE LCh	93, 13.463, 333.726
Yxy	84.0759, 0.3184, 0.3105
Android (android.graphics.Color)	4294960632 (0xFFFE5F8)
YUV	238.9400, 4.4666, 14.0846
Hunter-Lab	91.6929, 7.3493, -0.7945

Details

The XYZ color **86.2026, 84.0759, 100.4918** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2159, 94.2354, 93.1635**, and the grayscale version is **81.9603, 86.2286, 93.9030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9392, 46.0836, 56.2375** is the 20% darker color. If you saturate the color by 10%, you get **78.6131, 70.5702, 92.8037**, and if you desaturate by 10%, it is **94.8711, 99.6765, 108.7347**.

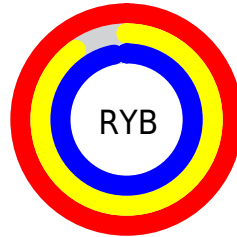
Distribution



Red (100%)

Green (90%)

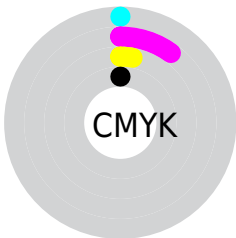
Blue (97%)



Red (100%)

Yellow (90%)

Blue (97%)

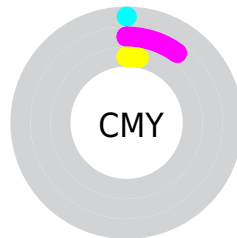


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2026, 84.0759, 100.4918 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 86.2026, 84.0759, 100.4918 by changing the saturation by 10% instead.


 86.2026, 84.0759,
100.4918

 86.2026, 84.0759,
100.4918


504.0230,
508.5653, 583.0284

 65.1613, 63.0781,
76.0922

140.9576,
139.0813, 163.8906

 47.8571, 45.9044,
56.0010


175.4020,
173.8578, 203.7269

 33.9245, 32.1704,
39.7997


215.0448,
213.9959, 249.5458

 22.9982, 21.4917,
27.0698

260.2514,
259.8801, 301.7658

 14.7129, 13.4839,
17.3928

311.3872,
311.8947, 360.8056

 8.7031, 7.7626,
10.3500

368.8175,

 4.6036, 3.9434,

370.4242, 427.0836

5.5230

432.9076,
435.8529, 501.0183

■ 2.0490, 1.6420,
2.4932

■ 0.6612, 0.3856,
0.8366

■ 86.2026, 84.0759,
100.4918

■ 86.2026, 84.0759,
100.4918

■ 78.6131, 70.5702,
92.8037

94.8711, 99.6765,
108.7347

■ 72.0517, 59.0592,
85.6478

95.0500, 100.0000,
108.9000

■ 66.4716, 49.4495,
79.0077

■ 61.8200, 41.6362,
72.8637

■ 58.0389, 35.5043,
67.1943

■ 55.0639, 30.9253,
61.9758

■ 52.8210, 27.7522,
57.1814

■ 51.2221, 25.8092,
52.7795

■ 50.1397, 24.8199,
48.7951

Harmonies

Analogous

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



83.7694, 84.0759, 108.8209



86.2026, 84.0759, 100.4918



86.9327, 84.0759, 90.2775

Triad

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



86.2026, 84.0759, 100.4918



79.4680, 84.0759, 73.3564



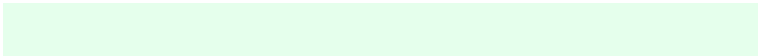
74.3572, 84.0759, 102.8560

Complementary

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



86.2026, 84.0759, 100.4918



83.2159, 94.2354, 93.1635

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.



73.2792, 84.0759, 92.8230



86.2026, 84.0759, 100.4918



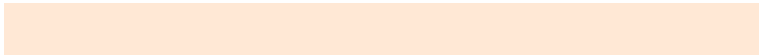
76.1741, 84.0759, 76.2006

Square

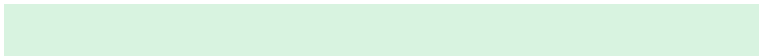
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2026, 84.0759, 100.4918



82.9776, 84.0759, 75.0799



73.9344, 84.0759, 83.1444



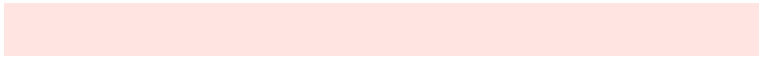
76.9221, 84.0759, 110.2553

Rectangle

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



86.2026, 84.0759, 100.4918



86.3379, 84.0759, 83.8872



73.9344, 84.0759, 83.1444



73.8124, 84.0759, 99.6538

Sweetspot

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



86.2044, 84.0792, 100.4936



92.3280, 95.0838, 106.3655



80.6423, 81.0840, 106.0082



19.6099, 20.0777, 22.6234



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

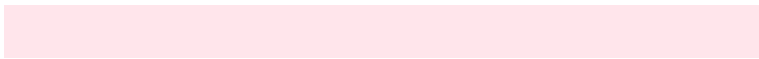
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2044, 84.0792, 100.4936



84.7550, 81.4873, 99.0643



84.2666, 83.3041, 90.2891



18.5717, 18.2120, 21.6275



26.2646, 12.9952, 25.8418



2.6029, 1.2835, 2.7563

Inverse Universe

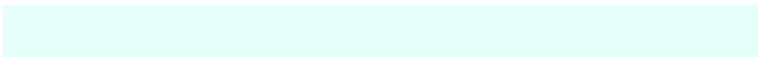
The Inverse Universe completely reimagines the original color for something new.



86.2044, 84.0792, 100.4936



84.7550, 81.4873, 99.0643



85.1637, 95.0144, 103.4202



18.5717, 18.2120, 21.6275



26.2646, 12.9952, 25.8418



2.6029, 1.2835, 2.7563

Previews

White Background



This preview shows how the XYZ color 86.2026, 84.0759, 100.4918 looks on a white background.

Color Contrast Check

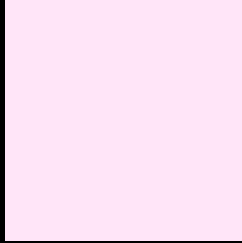
Large Text (above 18pt) WCAG AA × Fail

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 86.2026, 84.0759, 100.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

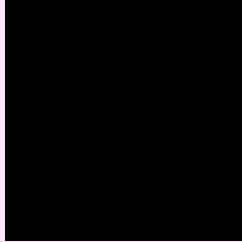
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2026, 84.0759, 100.4918

Background



This preview shows how black text looks on a background with the XYZ color 86.2026, 84.0759, 100.4918.



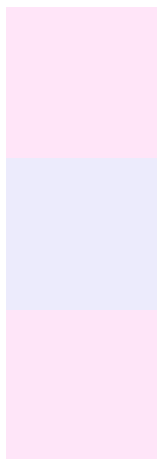
This preview shows how white text looks on a background with the XYZ color 86.2026, 84.0759,

100.4918.

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

86.2026, 84.0759, 100.4918

Protanopia

81.8711, 84.2778, 104.0476

Deuteranopia

85.8356, 83.8868, 100.4747



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

86.2026, 84.0759, 100.4918

Protanomaly

83.5136, 84.2975, 103.1362

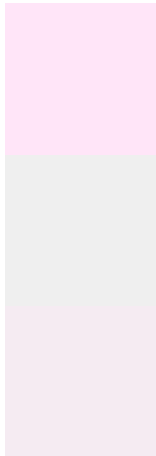
Deuteranomaly

85.8356, 83.8868, 100.4747

Tritanomaly

86.0478, 84.0140, 99.6768

Monochromacy



Original Color

86.2026, 84.0759, 100.4918

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.3915, 85.2399, 96.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2026, 84.0759, 100.4918 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, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 248)  
}
```

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, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 248) }
```

Border

The CSS property to change the border of an element to XYZ 86.2026, 84.0759, 100.4918 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, 229, 248) }
```


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

```
.border{ border-color:rgb(255, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2026, 84.0759, 100.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 248) }
```

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

```
.background{ background-color: rgb(255,  
229, 248) }
```

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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