

Converting Colors

XYZ(87.3610, 89.2075,
106.5781)

Have a look what the booklet for
XYZ(87.3610, 89.2075, 106.5781)
contains.

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Color

**XYZ(87.4073, 89.2501,
106.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F0FE
RGB	247, 240, 254
RGB Percent	97%, 94%, 100%
CMY	0.0314, 0.0588, 0.0039
CMYK	0.03, 0.06, 0.00, 0.00
HSL	270°, 88%, 97%
HSV	270°, 6%, 100%
XYZ	87.4073, 89.2501, 106.3861
YIQ	243.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

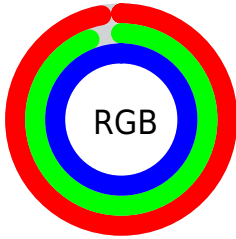
Format	Color
R_{YB}	247, 240, 254
Decimal	16249086
CIE _{Lab}	95.68, 4.83, -5.90
CIE _{LCh}	96, 7.623, 309.295
Yxy	89.2501, 0.3088, 0.3153
Android (android.graphics.Color)	4294439166 (0xFFFF7F0FE)
YUV	243.6890, 5.0833, 2.9037
Hunter-Lab	94.4723, -0.1753, -0.6364

Details

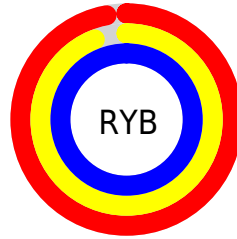
The XYZ color **87.4073, 89.2501, 106.3861** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5311, 96.9514, 96.4372**, and the grayscale version is **85.7037, 90.1670, 98.1918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7044, 49.3886, 59.7893** is the 20% darker color. If you saturate the color by 10%, you get **76.1196, 73.0991, 103.8649**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0556**.

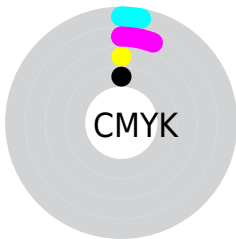
Distribution



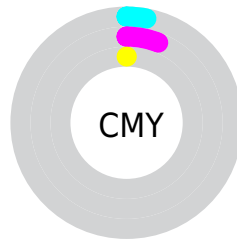
- Red (97%)
- Green (94%)
- Blue (100%)



- Red (97%)
- Yellow (94%)
- Blue (100%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4073, 89.2501, 106.3861 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 87.4073, 89.2501, 106.3861 by changing the saturation by 10% instead.


 87.4073, 89.2501,
106.3861

 87.4073, 89.2501,
106.3861

507.9248,
525.5884, 601.8995

 66.1615, 67.3588,
80.9979


142.6285,
146.2963, 172.0340

 48.6717, 49.3763,
60.0089


177.3345,
182.2201, 213.1307

 34.5726, 34.9181,
43.0005


217.2580,
223.5901, 260.3008

 23.4988, 23.5998,
29.5541

262.7643,
270.7908, 313.9627

 15.0850, 15.0370,
19.2512

314.2188,
324.2066, 374.5350

 8.9657, 8.8454,
11.6733

371.9868,

 4.7758, 4.6405,

384.2219, 442.4362

6.4018

436.4337,
451.2210, 518.0848

■ 2.1497, 2.0379,
3.0182

■ 0.7160, 0.6293,
1.1039

■ 87.4073, 89.2501,
106.3861

■ 87.4073, 89.2501,
106.3861

■ 76.1196, 73.0991,
103.8649

94.8897, 99.9359,
108.0556

■ 66.1319, 59.1053,
101.6902

■ 57.3943, 47.1767,
99.8483

■ 49.8505, 37.2104,
98.3222

■ 43.4395, 29.0941,
97.0935

■ 38.0942, 22.7041,
96.1419

■ 33.7395, 17.9005,
95.4442

■ 30.2885, 14.5208,
94.9737

■ 27.6352, 12.3645,
94.6974

Harmonies

Analogous

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



85.4821, 89.2501, 109.0183



87.4073, 89.2501, 106.3861



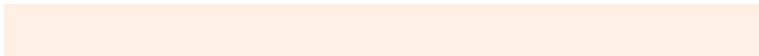
88.6551, 89.2501, 101.3160

Triad

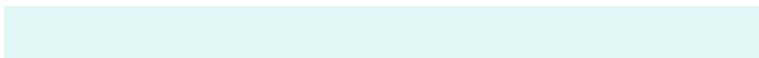
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4073, 89.2501, 106.3861



86.2623, 89.2501, 86.7775



80.9145, 89.2501, 99.0541

Complementary

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



87.4073, 89.2501, 106.3861



89.5311, 96.9514, 96.4372

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.



81.1156, 89.2501, 93.1546



87.4073, 89.2501, 106.3861



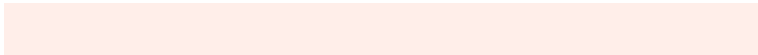
84.1804, 89.2501, 86.2280

Square

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



87.4073, 89.2501, 106.3861



87.9865, 89.2501, 90.0509



82.3030, 89.2501, 88.5175



81.7490, 89.2501, 104.6719

Rectangle

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



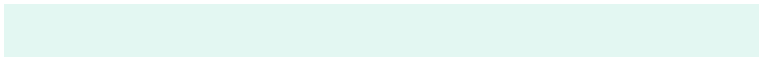
87.4073, 89.2501, 106.3861



88.9231, 89.2501, 97.3203



82.3030, 89.2501, 88.5175



80.8636, 89.2501, 97.0362

Sweetspot

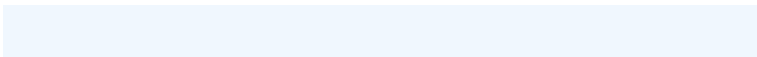
The Sweet Spot groups the original color and five complimentary colors.



87.4099, 89.2539, 106.3880



92.5124, 96.3085, 108.3212



87.1601, 92.3487, 106.9986



19.8281, 20.6527, 23.1913



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.



87.4099, 89.2539, 106.3880



86.4092, 87.4813, 106.9391



89.8398, 90.5066, 106.5018



18.3424, 18.5047, 22.8550



14.2135, 6.2378, 49.8895



1.5099, 0.6723, 4.8635

Inverse Universe

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



88.8248, 90.1104, 100.7116



88.2141, 88.5738, 99.6980



87.1877, 95.7434, 96.3276



18.7611, 18.7582, 21.1749



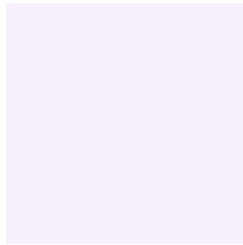
23.6440, 11.9469, 12.0416



2.3573, 1.1853, 1.4627

Previews

White Background



This preview shows how the XYZ color 87.4073, 89.2501, 106.3861 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 87.4073, 89.2501, 106.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

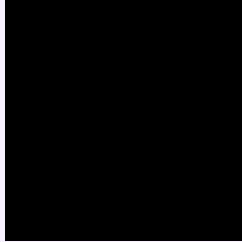
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

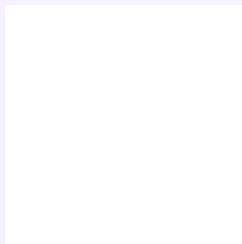
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4073, 89.2501, 106.3861

Background



This preview shows how black text looks on a background with the XYZ color 87.4073, 89.2501, 106.3861.



This preview shows how white text looks on a background with the XYZ color 87.4073, 89.2501,

106.3861.

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

87.4073, 89.2501, 106.3861

Protanopia

86.4674, 89.1853, 107.2649

Deuteranopia

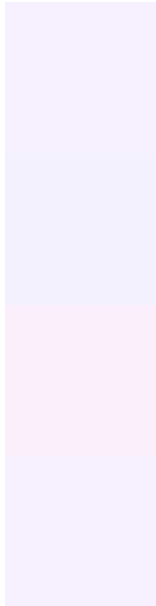
89.2271, 89.3741, 103.8149



Tritanopia

87.5679, 89.3143, 107.2318

Trichromacy



Original Color

87.4073, 89.2501, 106.3861

Protanomaly

86.8135, 89.3637, 107.2811

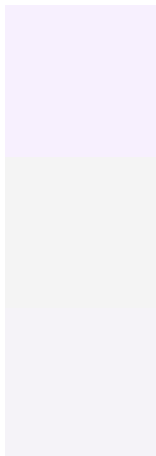
Deuteranomaly

88.5821, 89.4567, 104.6936

Tritanomaly

87.5679, 89.3143, 107.2318

Monochromacy



Original Color

87.4073, 89.2501, 106.3861

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6501, 90.2910, 101.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4073, 89.2501, 106.3861 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(247, 240, 254) looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 254)  
}
```

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(247, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 254) }
```

Border

The CSS property to change the border of an element to XYZ 87.4073, 89.2501, 106.3861 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(247, 240, 254) }
```


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

```
.border{ border-color:rgb(247, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4073, 89.2501, 106.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 254) }
```

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

```
.background{ background-color: rgb(247,  
240, 254) }
```

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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