

Converting Colors

XYZ(87.2922, 88.8870, 99.7534)

Have a look what the booklet for
XYZ(87.2922, 88.8870, 99.7534)
contains.

| | |
|--|----|
| XYZ(87.2847, 88.8961, 99.7470) | 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(87.2847, 88.8961,
99.7470)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FBEFF6 |
| RGB | 251, 239, 246 |
| RGB Percent | 98%, 94%, 96% |
| CMY | 0.0157, 0.0627, 0.0353 |
| CMYK | 0.00, 0.05, 0.02, 0.02 |
| HSL | 325°, 60%, 96% |
| HSV | 325°, 5%, 98% |
| XYZ | 87.2847, 88.8961, 99.7470 |
| YIQ | 243.3860, 4.9050, 4.7210 |

Conversions

Conversions Part 2

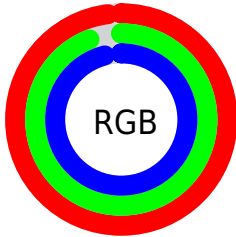
| Format | Color |
|-------------------------------------|-----------------------------|
| R _{YB} | 251, 239, 246 |
| Decimal | 16510966 |
| CIE Lab | 95.54, 5.24, -1.94 |
| CIE LCh | 96, 5.584, 339.705 |
| Yxy | 88.8961, 0.3163, 0.3222 |
| Android (android.graphics.Color) | 4294701046 (0xFFFB EFF6) |
| YUV | 243.3860, 1.2887, 6.6775 |
| Hunter-Lab | 94.2847, 0.2493, 3.2744 |

Details

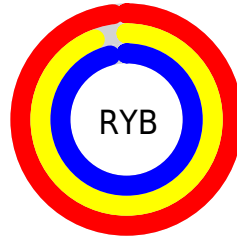
The XYZ color **87.2847, 88.8961, 99.7470** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4263, 93.8790, 99.1579**, and the grayscale version is **85.4883, 89.9404, 97.9451**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4759, 49.0540, 55.6286** is the 20% darker color. If you saturate the color by 10%, you get **78.8804, 74.5844, 89.2453**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

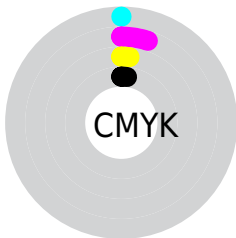
Distribution



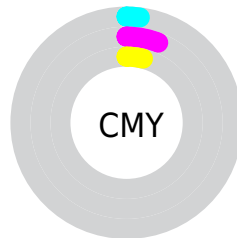
- Red (98%)
- Green (94%)
- Blue (96%)



- Red (98%)
- Yellow (94%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.2847, 88.8961, 99.7470 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 87.2847, 88.8961, 99.7470 by changing the saturation by 10% instead.


 87.2847, 88.8961,
99.7470

 87.2847, 88.8961,
99.7470


507.5285,
524.4333, 580.6210

 66.0597, 67.0654,
75.4736

142.4585,
145.8041, 162.8583

 48.5887, 49.1378,
55.4969


177.1380,
181.6502, 202.5332

 34.5065, 34.7288,
39.3984


217.0330,
222.9369, 248.1791

 23.4477, 23.4541,
26.7596

262.5089,
270.0486, 300.2144

 15.0470, 14.9291,
17.1619

313.9311,
323.3697, 359.0577

 8.9389, 8.7697,
10.1868

371.6648,

 4.7581, 4.5912,

383.2846, 425.1275

5.4158

436.0755,
450.1777, 498.8425

■ 2.1393, 2.0095,
2.4302

■ 0.7105, 0.6130,
0.8028

■ 87.2847, 88.8961,
99.7470

■ 87.2847, 88.8961,
99.7470

■ 78.8804, 74.5844,
89.2453

■ 93.5942, 99.2495,
108.8319

■ 71.5412, 62.2616,
79.5366

■ 65.2234, 51.8417,
70.6000

■ 59.8773, 43.2277,
62.4111

■ 55.4488, 36.3140,
54.9442

■ 51.8784, 30.9841,
48.1712

■ 49.0989, 27.1065,
42.0614

■ 47.0326, 24.5284,
36.5803

■ 45.5841, 23.0619,
31.6872

Harmonies

Analogous

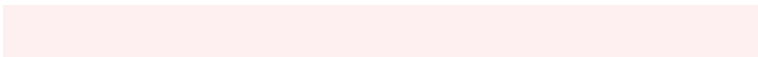
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3879, 88.8961, 103.4259



87.2847, 88.8961, 99.7470



87.4285, 88.8961, 95.3783

Triad

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



87.2847, 88.8961, 99.7470



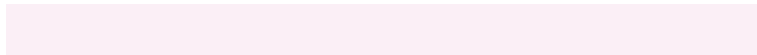
83.9977, 88.8961, 88.7170



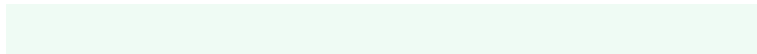
82.2481, 88.8961, 102.2799

Complementary

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



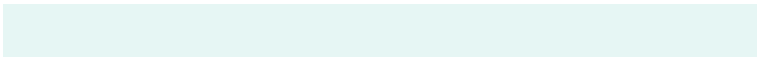
87.2847, 88.8961, 99.7470



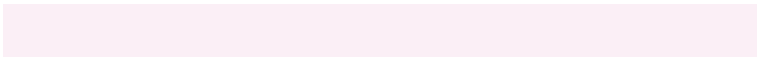
86.4263, 93.8790, 99.1579

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.



81.6241, 88.8961, 98.2211



87.2847, 88.8961, 99.7470



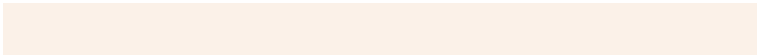
82.6261, 88.8961, 90.4495

Square

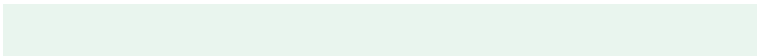
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



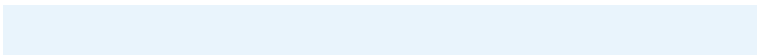
87.2847, 88.8961, 99.7470



85.5184, 88.8961, 89.0976



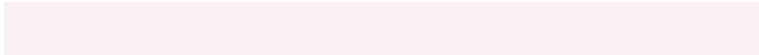
81.7616, 88.8961, 93.8974



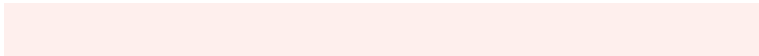
83.4760, 88.8961, 104.9186

Rectangle

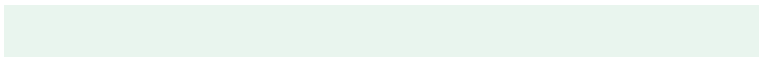
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



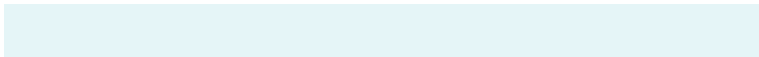
87.2847, 88.8961, 99.7470



87.0763, 88.8961, 92.6743



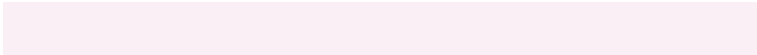
81.7616, 88.8961, 93.8974



81.9615, 88.8961, 101.0315

Sweetspot

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



87.2872, 88.8999, 99.7489



94.0712, 98.3155, 107.7319



85.5907, 87.9355, 103.7301



20.1454, 21.0613, 23.0714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

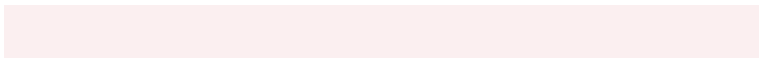
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2872, 88.8999, 99.7489



89.3519, 90.2197, 102.0191



86.3815, 88.5376, 94.9792



18.1889, 18.2819, 20.7573



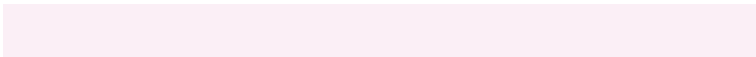
23.7290, 11.9073, 15.8131



2.2505, 1.1240, 1.7428

Inverse Universe

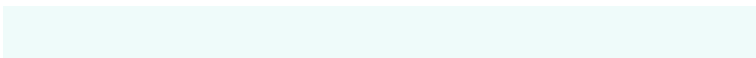
The Inverse Universe completely reimagines the original color for something new.



87.2872, 88.8999, 99.7489



89.3519, 90.2197, 102.0191



87.3519, 94.2493, 104.0319



18.1889, 18.2819, 20.7573



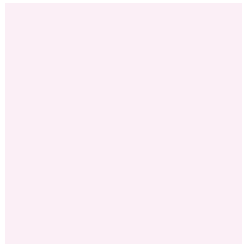
23.7290, 11.9073, 15.8131



2.2505, 1.1240, 1.7428

Previews

White Background



This preview shows how the XYZ color 87.2847, 88.8961, 99.7470 looks on a white background.

Color Contrast Check

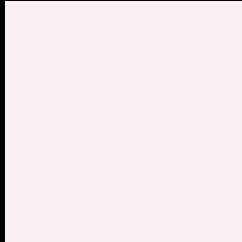
Large Text (above 18pt) WCAG AA × Fail

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 87.2847, 88.8961, 99.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

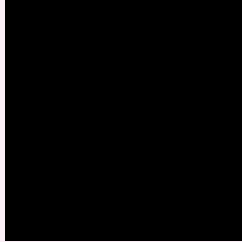
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.2847, 88.8961, 99.7470

Background



This preview shows how black text looks on a background with the XYZ color 87.2847, 88.8961, 99.7470.



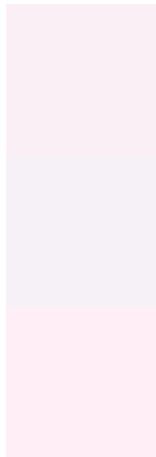
This preview shows how white text looks on a background with the XYZ color 87.2847, 88.8961,

99.7470.

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

87.2847, 88.8961, 99.7470

Protanopia

85.9000, 89.0385, 100.6544

Deuteranopia

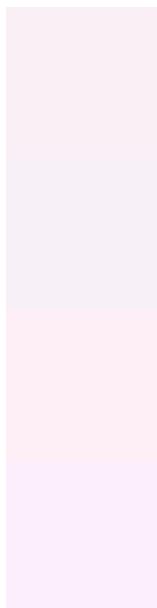
88.2960, 89.0016, 98.9115



Tritanopia

88.7694, 89.0645, 107.1203

Trichromacy



Original Color

87.2847, 88.8961, 99.7470

Protanomaly

86.3064, 88.8097, 100.5888

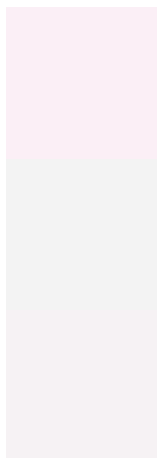
Deuteranomaly

87.9290, 88.8125, 98.8944

Tritanomaly

88.2901, 88.8728, 104.5962

Monochromacy



Original Color

87.2847, 88.8961, 99.7470

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

86.0873, 89.6287, 98.3507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2847, 88.8961, 99.7470 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(251, 239, 246) looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 246)  
}
```

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(251, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.2847, 88.8961, 99.7470 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(251, 239, 246) }
```


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

```
.border{ border-color:rgb(251, 239, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 239, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2847, 88.8961, 99.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 246) }
```

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

```
.background{ background-color: rgb(251,  
239, 246) }
```

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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