

Converting Colors

XYZ(87.2753, 88.3847, 97.4515)

Have a look what the booklet for
XYZ(87.2753, 88.3847, 97.4515)
contains.

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Color

**XYZ(87.2602, 88.5028,
97.2777)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEEF3
RGB	253, 238, 243
RGB Percent	99%, 93%, 95%
CMY	0.0078, 0.0666, 0.0471
CMYK	0.00, 0.06, 0.04, 0.01
HSL	340°, 79%, 96%
HSV	340°, 6%, 99%
XYZ	87.2602, 88.5028, 97.2777
YIQ	243.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

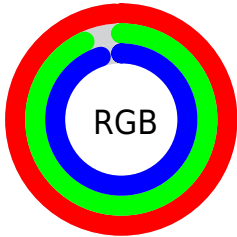
Format	Color
R _Y B	253, 238, 243
Decimal	16641779
CIE Lab	95.37, 5.90, -0.60
CIE LCh	95, 5.933, 354.151
Yxy	88.5028, 0.3196, 0.3241
Android (android.graphics.Color)	4294831859 (0xFFFDDEF3)
YUV	243.0550, -0.0271, 8.7218
Hunter-Lab	94.0759, 0.9349, 4.5453

Details

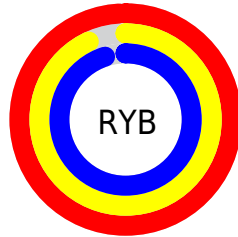
The XYZ color **87.2602, 88.5028, 97.2777** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3318, 95.2073, 102.5855**, and the grayscale version is **85.2335, 89.6723, 97.6531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4625, 48.7795, 53.8748** is the 20% darker color. If you saturate the color by 10%, you get **77.9742, 73.8217, 82.1846**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

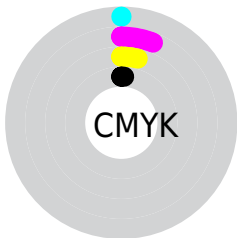
Distribution



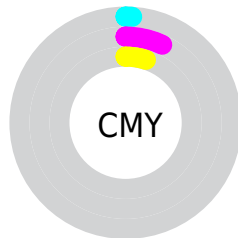
- Red (99%)
- Green (93%)
- Blue (95%)



- Red (99%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2602, 88.5028, 97.2777 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 87.2602, 88.5028, 97.2777 by changing the saturation by 10% instead.


 87.2602, 88.5028,
97.2777

 87.2602, 88.5028,
97.2777


507.4492,
523.1484, 572.6009

 66.0393, 66.7396,
73.4248

142.4246,
145.2570, 159.4302

 48.5721, 48.8730,
53.8295


177.0987,
181.0167, 198.5668

 34.4933, 34.5187,
38.0731


216.9881,
222.2106, 243.6351

 23.4375, 23.2924,
25.7372

262.4579,
269.2233, 295.0537

 15.0394, 14.8096,
16.4031

313.8736,
322.4390, 353.2410

 8.9335, 8.6858,
9.6524

371.6004,

 4.7546, 4.5368,

382.2421, 418.6156

5.0665

436.0039,
449.0171, 491.5961

■ 2.1373, 1.9782,
2.2269

■ 0.7094, 0.5947,
0.6898

■ 87.2602, 88.5028,
97.2777

■ 87.2602, 88.5028,
97.2777

■ 77.9742, 73.8217,
82.1846

94.3185, 99.6229,
108.8658

■ 69.9057, 61.2122,
68.6205

■ 63.0049, 50.5838,
56.5374

■ 57.2152, 41.8344,
45.8829

■ 52.4754, 34.8533,
36.6010

■ 48.7182, 29.5175,
28.6317

■ 45.8676, 25.6884,
21.9100

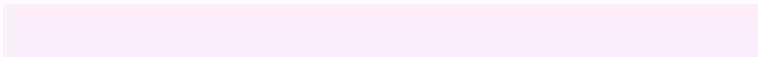
■ 43.8359, 23.2042,
16.3642

■ 42.5155, 21.8647,
11.9130

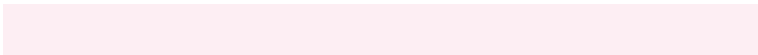
Harmonies

Analogous

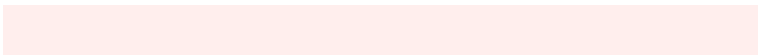
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6727, 88.5028, 101.6910



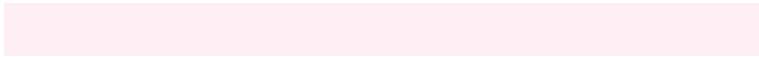
87.2602, 88.5028, 97.2777



86.9974, 88.5028, 92.7560

Triad

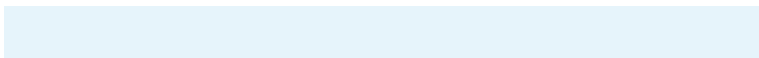
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2602, 88.5028, 97.2777



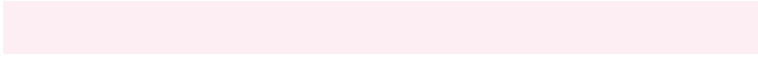
82.8497, 88.5028, 88.4417



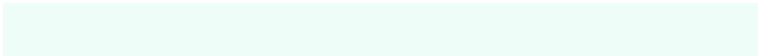
82.3059, 88.5028, 103.7874

Complementary

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



87.2602, 88.5028, 97.2777



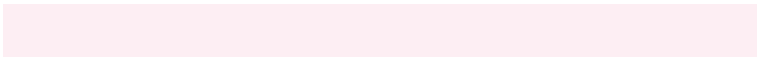
87.3318, 95.2073, 102.5855

Split Complementary

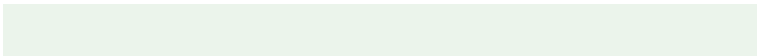
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3053, 88.5028, 100.0654



87.2602, 88.5028, 97.2777



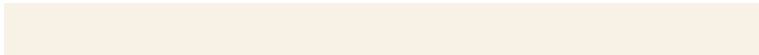
81.6165, 88.5028, 91.2274

Square

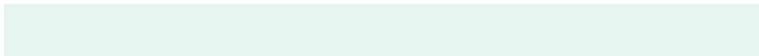
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



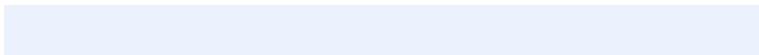
87.2602, 88.5028, 97.2777



84.4375, 88.5028, 87.7491



81.0546, 88.5028, 95.4570



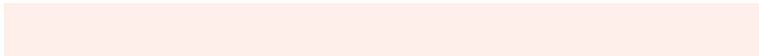
83.8018, 88.5028, 105.5262

Rectangle

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



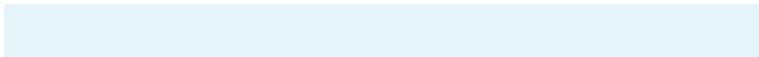
87.2602, 88.5028, 97.2777



86.3770, 88.5028, 90.2757



81.0546, 88.5028, 95.4570



81.9012, 88.5028, 102.7211

Sweetspot

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



87.2627, 88.5066, 97.2796



92.9017, 96.5720, 105.5065



87.0186, 88.2015, 105.3678



19.9073, 20.7063, 22.6184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

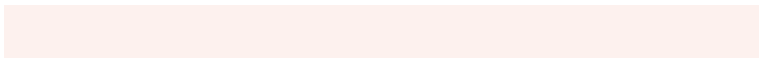
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2627, 88.5066, 97.2796



87.7599, 88.3922, 97.3066



87.2510, 89.6744, 93.6038



18.6561, 18.7162, 20.6216



22.4661, 11.4757, 5.8390



2.2357, 1.1367, 0.8227

Inverse Universe

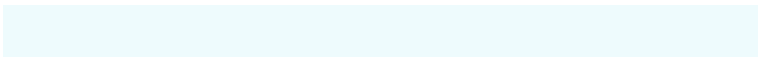
The Inverse Universe completely reimagines the original color for something new.



87.2627, 88.5066, 97.2796



87.7599, 88.3922, 97.3066



87.3336, 93.9538, 106.4616



18.6561, 18.7162, 20.6216



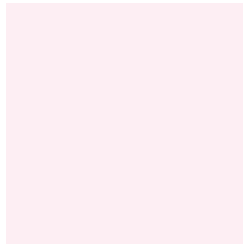
22.4661, 11.4757, 5.8390



2.2357, 1.1367, 0.8227

Previews

White Background



This preview shows how the XYZ color 87.2602, 88.5028, 97.2777 looks on a white background.

Color Contrast Check

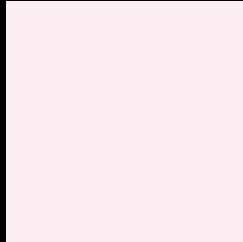
Large Text (above 18pt) WCAG AA × Fail

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 87.2602, 88.5028, 97.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

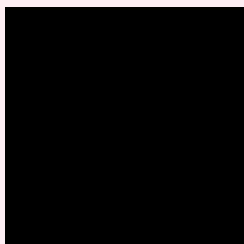
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.2602, 88.5028, 97.2777

Background



This preview shows how black text looks on a background with the XYZ color 87.2602, 88.5028, 97.2777.



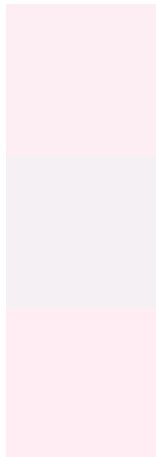
This preview shows how white text looks on a background with the XYZ color 87.2602, 88.5028,

97.277.

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

87.2602, 88.5028, 97.2777

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

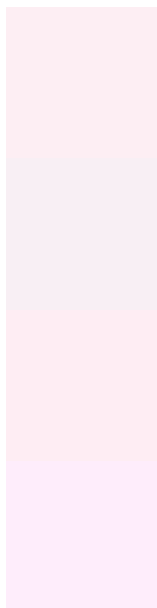
87.7018, 88.2994, 97.2151



Tritanopia

89.2855, 88.4709, 106.9785

Trichromacy



Original Color

87.2602, 88.5028, 97.2777

Protanomaly

85.9070, 88.2211, 98.0885

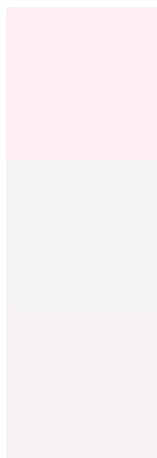
Deuteranomaly

87.3349, 88.1103, 97.1980

Tritanomaly

88.5698, 88.6042, 103.7010

Monochromacy



Original Color

87.2602, 88.5028, 97.2777

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.9907, 89.1558, 97.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2602, 88.5028, 97.2777 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(253, 238, 243) looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 243)  
}
```

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(253, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.2602, 88.5028, 97.2777 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(253, 238, 243) }
```


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

```
.border{ border-color:rgb(253, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2602, 88.5028, 97.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 243) }
```

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

```
.background{ background-color: rgb(253,  
238, 243) }
```

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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