

Converting Colors

XYZ(82.2341, 83.7391, 89.1543)

Have a look what the booklet for
XYZ(82.2341, 83.7391, 89.1543)
contains.

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Color

**XYZ(82.2047, 83.9352,
88.9593)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E9E9
RGB	247, 233, 233
RGB Percent	97%, 91%, 91%
CMY	0.0314, 0.0863, 0.0863
CMYK	0.00, 0.06, 0.06, 0.03
HSL	0°, 47%, 94%
HSV	0°, 6%, 97%
XYZ	82.2047, 83.9352, 88.9593
YIQ	237.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

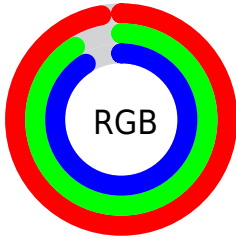
Format	Color
R _Y B	247, 233, 233
Decimal	16247273
CIE Lab	93.42, 4.73, 1.69
CIE LCh	93, 5.027, 19.626
Yxy	83.9352, 0.3222, 0.3290
Android (android.graphics.Color)	4294437353 (0xFFFF7E9E9)
YUV	237.1860, -2.0637, 8.6069
Hunter-Lab	91.6162, -0.1650, 6.5607

Details

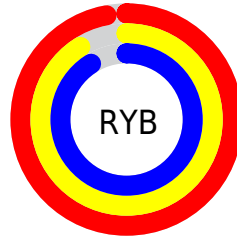
The XYZ color **82.2047, 83.9352, 88.9593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6534, 90.5592, 101.0675**, and the grayscale version is **80.6524, 84.8527, 92.4045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1438, 45.6950, 48.0356** is the 20% darker color. If you saturate the color by 10%, you get **72.4129, 69.6079, 69.4883**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

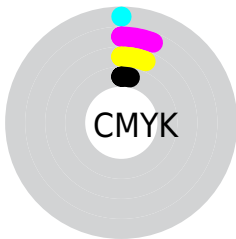
Distribution



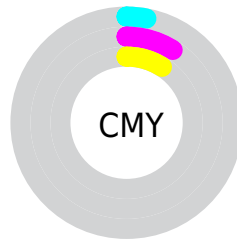
- Red (97%)
- Green (91%)
- Blue (91%)



- Red (97%)
- Yellow (91%)
- Blue (91%)



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



- Cyan (3%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2047, 83.9352, 88.9593 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 82.2047, 83.9352, 88.9593 by changing the saturation by 10% instead.


 82.2047, 83.9352,
88.9593

 82.2047, 83.9352,
88.9593


490.9563,
508.0980, 545.1222

 61.8490, 62.9619,
66.5490


135.3953,
138.8845, 147.8148

 45.1658, 45.8104,
48.2589


168.9610,
173.6294, 185.0971

 31.7899, 32.0962,
33.6705


207.6606,
213.7336, 228.1738

 21.3558, 21.4350,
22.3653

251.8596,
259.5814, 277.4634

 13.4983, 13.4424,
13.9247

301.9233,
311.5574, 333.3845

 7.8519, 7.7339,
7.9301

358.2171,

 4.0513, 3.9251,

370.0459, 396.3557

3.9631

421.1063,
435.4313, 466.7954

■ 1.7312, 1.6318,
1.6051

■ 0.4757, 0.3789,
0.2945

■ 82.2047, 83.9352,
88.9593

■ 82.2047, 83.9352,
88.9593

■ 72.4129, 69.6079,
69.4883

■ 92.1683, 98.5144,
108.7651

■ 64.0300, 57.3419,
52.8220

■ 56.9934, 47.0456,
38.8328

■ 51.2330, 38.6165,
27.3813

■ 46.6723, 31.9427,
18.3155

■ 43.2267, 26.9005,
11.4669

■ 40.8006, 23.3499,
6.6455

■ 39.2824, 21.1277,
3.6291

■ 38.5340, 20.0320,
2.1432

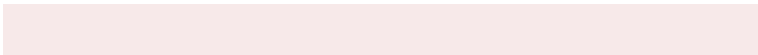
Harmonies

Analogous

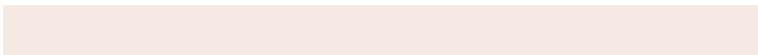
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3134, 83.9352, 92.7129



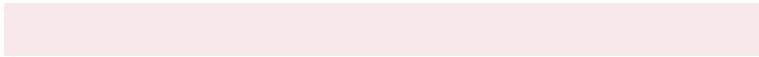
82.2047, 83.9352, 88.9593



81.4417, 83.9352, 85.9379

Triad

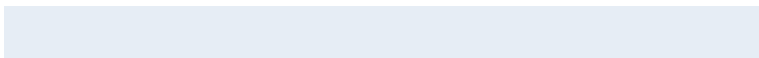
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2047, 83.9352, 88.9593



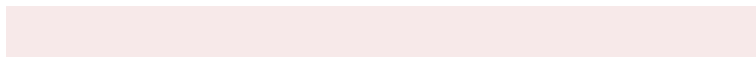
77.8503, 83.9352, 86.7402



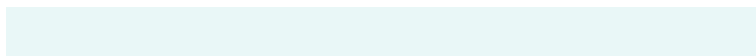
79.3195, 83.9352, 98.7671

Complementary

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



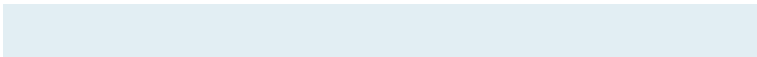
82.2047, 83.9352, 88.9593



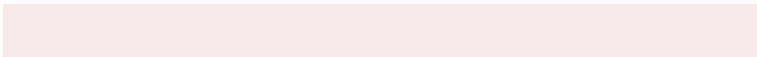
83.6534, 90.5592, 101.0675

Split Complementary

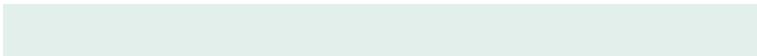
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1369, 83.9352, 97.0704



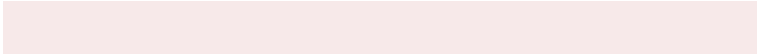
82.2047, 83.9352, 88.9593



77.2950, 83.9352, 90.0820

Square

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



82.2047, 83.9352, 88.9593



78.9242, 83.9352, 84.6815



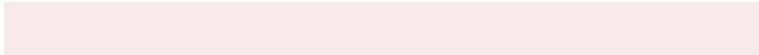
77.3993, 83.9352, 93.8669



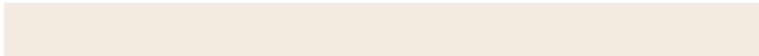
80.6377, 83.9352, 98.4462

Rectangle

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



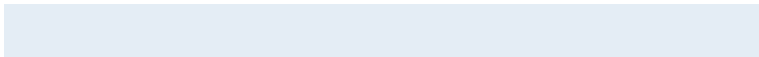
82.2047, 83.9352, 88.9593



80.6692, 83.9352, 84.7125



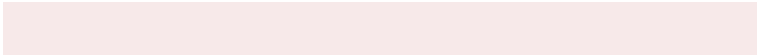
77.3993, 83.9352, 93.8669



78.8931, 83.9352, 98.4120

Sweetspot

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



82.2071, 83.9389, 88.9611



92.6347, 96.4659, 104.0977



84.2864, 84.7687, 99.9164



19.8529, 20.6847, 22.3315



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.



82.2071, 83.9389, 88.9611



86.8772, 88.0416, 92.6505



84.2270, 87.9788, 89.6344



16.9032, 17.0739, 17.9120



20.2868, 10.4591, 0.9496



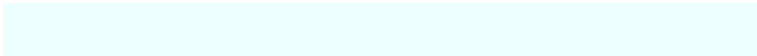
1.7831, 0.9195, 0.0835

Inverse Universe

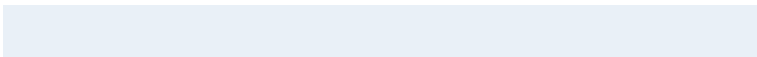
The Inverse Universe completely reimagines the original color for something new.



83.6534, 90.5592, 101.0675



88.7835, 96.7669, 108.6062



81.5541, 86.3605, 100.3677



17.3058, 18.9166, 21.2817



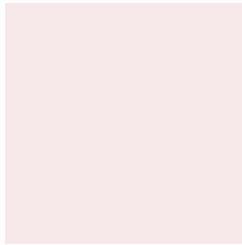
26.4576, 38.7091, 52.6152



2.3255, 3.4024, 4.6244

Previews

White Background



This preview shows how the XYZ color 82.2047, 83.9352, 88.9593 looks on a white background.

Color Contrast Check

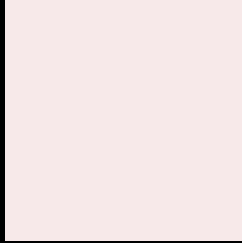
Large Text (above 18pt) WCAG AA × Fail

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 82.2047, 83.9352, 88.9593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

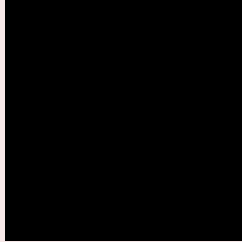
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

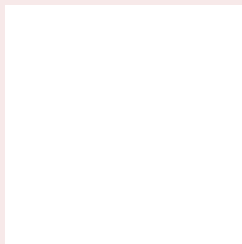
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2047, 83.9352, 88.9593

Background



This preview shows how black text looks on a background with the XYZ color 82.2047, 83.9352, 88.9593.



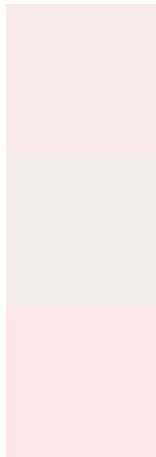
This preview shows how white text looks on a background with the XYZ color 82.2047, 83.9352,

88.9593.

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

82.2047, 83.9352, 88.9593

Protanopia

80.8352, 84.0579, 89.8062

Deuteranopia

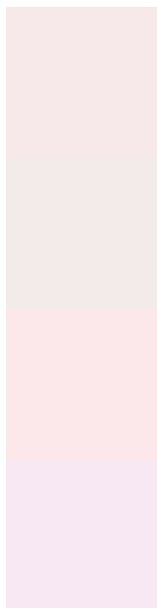
84.3881, 83.7941, 89.5681



Tritanopia

84.7417, 84.1311, 101.3951

Trichromacy



Original Color

82.2047, 83.9352, 88.9593

Protanomaly

81.2362, 83.8408, 89.7432

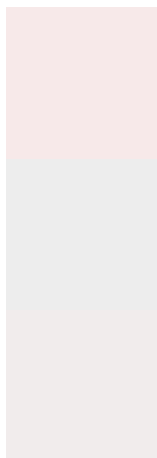
Deuteranomaly

83.5721, 83.7878, 89.6098

Tritanomaly

83.7457, 84.1407, 96.6209

Monochromacy



Original Color

82.2047, 83.9352, 88.9593

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4114, 84.7478, 91.4240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2047, 83.9352, 88.9593 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, 233, 233) looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 233)  
}
```

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, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 82.2047, 83.9352, 88.9593 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, 233, 233) }
```


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

```
.border{ border-color:rgb(247, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2047, 83.9352, 88.9593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 233) }
```

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

```
.background{ background-color: rgb(247,  
233, 233) }
```

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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