

Converting Colors

XYZ(89.0732, 86.1768, 88.2995)

Have a look what the booklet for XYZ(89.0732, 86.1768, 88.2995) contains.

- XYZ(84.1023, 83.6798, 88.0631) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(84.1023, 83.6798,
88.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E8
RGB	255, 230, 232
RGB Percent	100%, 90%, 91%
CMY	0.0000, 0.0980, 0.0902
CMYK	0.00, 0.10, 0.09, 0.00
HSL	355°, 100%, 95%
HSV	355°, 10%, 100%
XYZ	84.1023, 83.6798, 88.0631
YIQ	237.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

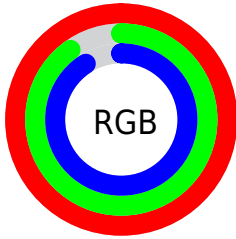
Format	Color
R _Y B	255, 230, 232
Decimal	16770792
CIE Lab	93.31, 8.85, 2.13
CIE LCh	93, 9.103, 13.511
Yxy	83.6798, 0.3287, 0.3271
Android (android.graphics.Color)	4294960872 (0xFFFFE6E8)
YUV	237.7030, -2.8116, 15.1695
Hunter-Lab	91.4767, 4.0261, 6.9561

Details

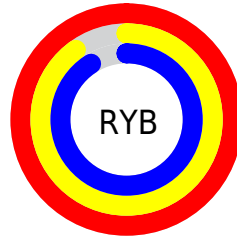
The XYZ color **84.1023, 83.6798, 88.0631** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1254, 95.4361, 106.8139**, and the grayscale version is **81.0534, 85.2745, 92.8639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2612, 45.4125, 47.4015** is the 20% darker color. If you saturate the color by 10%, you get **74.4048, 69.2672, 69.4703**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

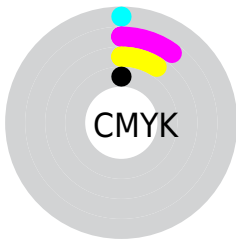
Distribution



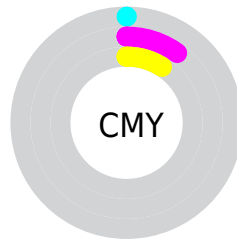
- Red (100%)
- Green (90%)
- Blue (91%)



- Red (100%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1023, 83.6798, 88.0631 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 84.1023, 83.6798, 88.0631 by changing the saturation by 10% instead.


 84.1023, 83.6798,
88.0631

 84.1023, 83.6798,
88.0631

497.1814,
507.2493, 542.1165

 63.4199, 62.7511,
65.8107


138.0388,
138.5272, 146.5569

 46.4409, 45.6399,
47.6632


172.0236,
173.2146, 183.6354

 32.8000, 31.9617,
33.2022


211.1732,
213.2572, 226.4930

 22.1318, 21.3323,
22.0090

255.8530,
259.0391, 275.5482

 14.0709, 13.3671,
13.6651

306.4284,
310.9449, 331.2197

 8.2520, 7.6818,
7.7520

363.2647,

 4.3098, 3.8920,

369.3590, 393.9258

3.8512

426.7273,
434.6656, 464.0853

■ 1.8788, 1.6134,
1.5441

■ 0.5645, 0.3666,
0.2504

■ 84.1023, 83.6798,
88.0631

■ 84.1023, 83.6798,
88.0631

■ 74.4048, 69.2672,
69.4703

95.0500, 100.0000,
108.9000

■ 66.1260, 57.0085,
53.4583

■ 59.2012, 46.8032,
39.9145

■ 53.5580, 38.5391,
28.7161

■ 49.1175, 32.0930,
19.7296

■ 45.7920, 27.3277,
12.8081

■ 43.4819, 24.0865,
7.7869

■ 42.0696, 22.1831,
4.4760

■ 41.3792, 21.3245,
2.6361

Harmonies

Analogous

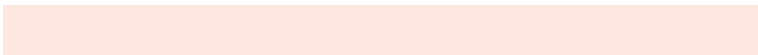
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0380, 83.6798, 94.9120



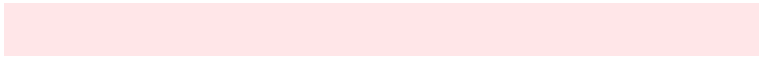
84.1023, 83.6798, 88.0631



82.9256, 83.6798, 82.3220

Triad

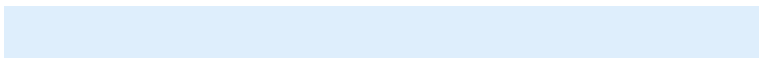
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1023, 83.6798, 88.0631



76.4032, 83.6798, 81.8694



78.2339, 83.6798, 104.3683

Complementary

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



84.1023, 83.6798, 88.0631



86.1254, 95.4361, 106.8139

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.



76.2384, 83.6798, 100.5088



84.1023, 83.6798, 88.0631



75.1961, 83.6798, 87.4169

Square

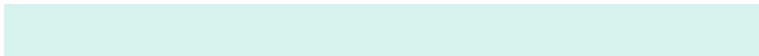
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1023, 83.6798, 88.0631



78.4629, 83.6798, 78.8692



75.1364, 83.6798, 94.2327



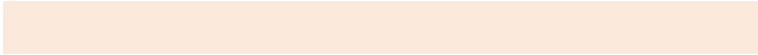
80.6171, 83.6798, 104.5628

Rectangle

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



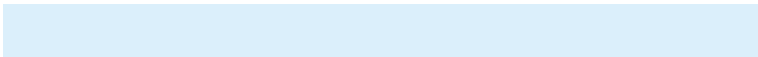
84.1023, 83.6798, 88.0631



81.6091, 83.6798, 79.7998



75.1364, 83.6798, 94.2327



77.4966, 83.6798, 103.4480

Sweetspot

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



84.1042, 83.6833, 88.0649



91.5451, 94.7707, 102.2427



86.8263, 84.6841, 106.3772



19.3989, 19.9933, 21.5123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

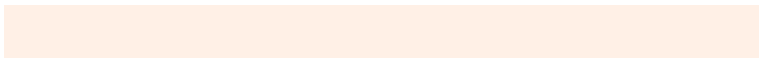
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1042, 83.6833, 88.0649



81.8468, 80.3240, 83.7499



86.8077, 89.5414, 87.5753



18.0682, 18.0106, 18.9764



21.6370, 11.1441, 1.4727



2.1260, 1.0928, 0.2450

Inverse Universe

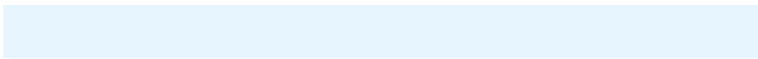
The Inverse Universe completely reimagines the original color for something new.



84.1042, 83.6833, 88.0649



81.8468, 80.3240, 83.7499



83.2123, 89.0985, 107.4197



18.0682, 18.0106, 18.9764



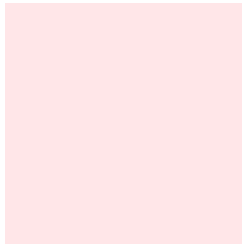
21.6370, 11.1441, 1.4727



2.1260, 1.0928, 0.2450

Previews

White Background



This preview shows how the XYZ color 84.1023, 83.6798, 88.0631 looks on a white background.

Color Contrast Check

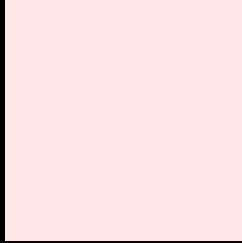
Large Text (above 18pt) WCAG AA × Fail

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 84.1023, 83.6798, 88.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

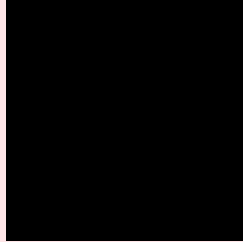
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

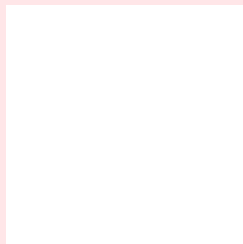
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1023, 83.6798, 88.0631

Background



This preview shows how black text looks on a background with the XYZ color 84.1023, 83.6798, 88.0631.



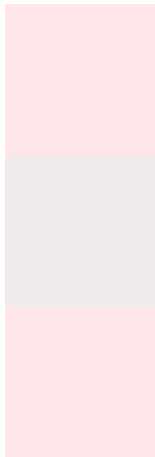
This preview shows how white text looks on a background with the XYZ color 84.1023, 83.6798,

88.0631.

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

84.1023, 83.6798, 88.0631

Protanopia

80.6389, 83.9401, 90.5492

Deuteranopia

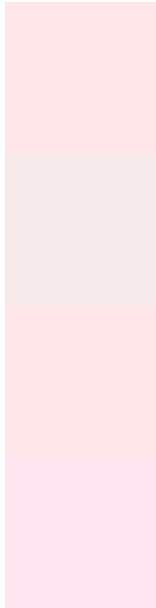
84.2448, 83.7368, 88.8134



Tritanopia

85.7407, 83.8912, 98.0598

Trichromacy



Original Color

84.1023, 83.6798, 88.0631

Protanomaly

81.6464, 83.6308, 89.6810

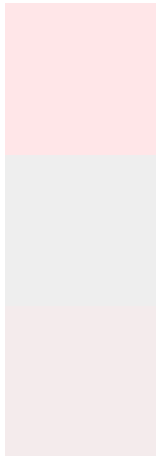
Deuteranomaly

84.2448, 83.7368, 88.8134

Tritanomaly

84.9875, 83.5899, 94.0932

Monochromacy



Original Color

84.1023, 83.6798, 88.0631

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.1569, 84.7059, 91.3766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1023, 83.6798, 88.0631 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, 230, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 232)  
}
```

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, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 84.1023, 83.6798, 88.0631 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, 230, 232) }
```


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

```
.border{ border-color:rgb(255, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1023, 83.6798, 88.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 232) }
```

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

```
.background{ background-color: rgb(255,  
230, 232) }
```

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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