

Converting Colors

XYZ(84.9656, 86.5161, 97.9187)

Have a look what the booklet for
XYZ(84.9656, 86.5161, 97.9187)
contains.

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Color

**XYZ(85.0360, 86.4790,
97.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ECF4
RGB	248, 236, 244
RGB Percent	97%, 93%, 96%
CMY	0.0274, 0.0745, 0.0431
CMYK	0.00, 0.05, 0.02, 0.03
HSL	320°, 46%, 95%
HSV	320°, 5%, 97%
XYZ	85.0360, 86.4790, 97.7982
YIQ	240.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

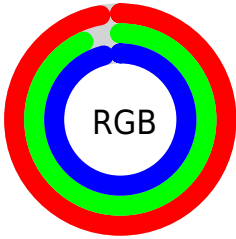
Format	Color
R _Y B	248, 236, 244
Decimal	16313588
CIE Lab	94.52, 5.42, -2.42
CIE LCh	95, 5.941, 335.937
Yxy	86.4790, 0.3158, 0.3211
Android (android.graphics.Color)	4294503668 (0xFFFB8ECF4)
YUV	240.5000, 1.7255, 6.5775
Hunter-Lab	92.9941, 0.4850, 2.7429

Details

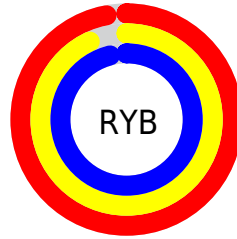
The XYZ color **85.0360, 86.4790, 97.7982** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8909, 91.2613, 95.6362**, and the grayscale version is **83.2027, 87.5358, 95.3264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1366, 47.4798, 54.2571** is the 20% darker color. If you saturate the color by 10%, you get **77.1588, 72.6881, 89.1164**, and if you desaturate by 10%, it is **92.0857, 98.5222, 106.4842**.

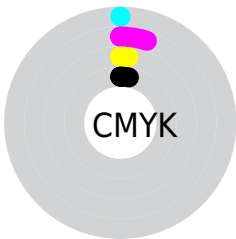
Distribution



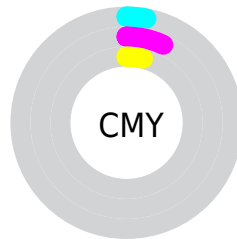
- Red (97%)
- Green (93%)
- Blue (96%)



- Red (97%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0360, 86.4790, 97.7982 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 85.0360, 86.4790, 97.7982 by changing the saturation by 10% instead.

85.0360, 86.4790,
97.7982

85.0360, 86.4790,
97.7982

500.2291,
516.5093, 574.2964

64.1937, 65.0641,
73.8564

139.3372,
142.4377, 160.1535

47.0699, 47.5131,
54.1804

173.5269,
177.7504, 199.4041

33.2991, 33.4415,
38.3518

212.8964,
218.4644, 244.5946

22.5160, 22.4648,
25.9519

257.8111,
264.9643, 296.1437

14.3552, 14.1989,
16.5622

308.6364,
317.6343, 354.4699

8.4515, 8.2591,
9.7642

365.7376,

4.4394, 4.2612,

376.8589, 419.9918

5.1393

429.4800,
443.0224, 493.1277

■ 1.9536, 1.8207,
2.2691

■ 0.6077, 0.5000,
0.7138

■ 85.0360, 86.4790,
97.7982

■ 85.0360, 86.4790,
97.7982

■ 77.1588, 72.6881,
89.1164

■ 92.0857, 98.5222,
106.4842

■ 70.2855, 60.8173,
81.0426

■ 92.5220, 98.6968,
108.7817

■ 64.3745, 50.7832,
73.5603

■ 59.3782, 42.4920,
66.6499

■ 55.2450, 35.8415,
60.2902

■ 51.9176, 30.7187,
54.4584

■ 49.3318, 26.9962,
49.1290

■ 47.4128, 24.5260,
44.2730

■ 46.0690, 23.1259,
39.8557

Harmonies

Analogous

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



84.0139, 86.4790, 101.4740



85.0360, 86.4790, 97.7982



85.2928, 86.4790, 93.2529

Triad

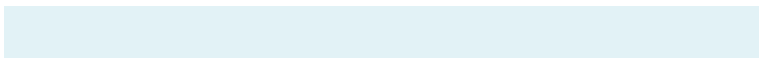
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0360, 86.4790, 97.7982



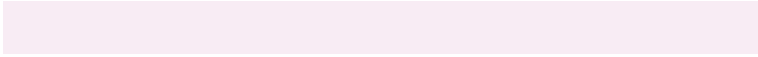
81.8780, 86.4790, 85.6691



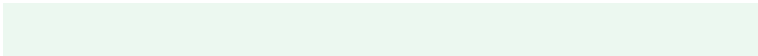
79.7306, 86.4790, 99.4254

Complementary

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



85.0360, 86.4790, 97.7982



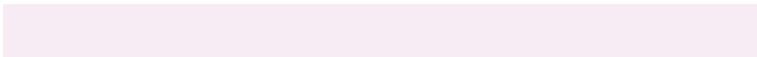
83.8909, 91.2613, 95.6362

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.



79.1745, 86.4790, 95.0749



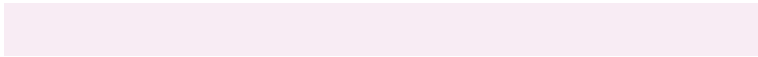
85.0360, 86.4790, 97.7982



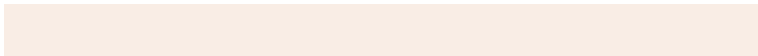
80.4039, 86.4790, 87.2080

Square

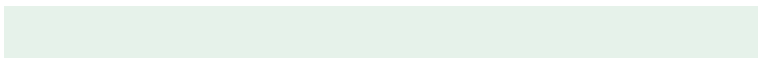
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



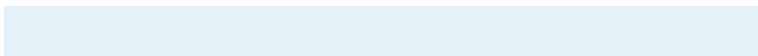
85.0360, 86.4790, 97.7982



83.4561, 86.4790, 86.3452



79.4194, 86.4790, 90.6150



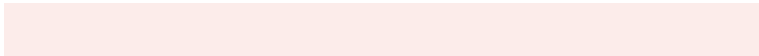
80.9480, 86.4790, 102.4346

Rectangle

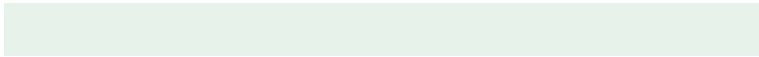
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0360, 86.4790, 97.7982



84.9925, 86.4790, 90.3608



79.4194, 86.4790, 90.6150



79.4609, 86.4790, 98.0661

Sweetspot

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



85.0385, 86.4827, 97.8001



94.1053, 98.3291, 107.9112



82.8773, 85.2977, 100.9042



20.1524, 21.0641, 23.1079



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

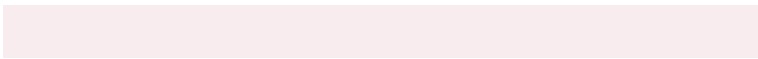
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0385, 86.4827, 97.8001



89.5512, 90.2994, 103.0685



84.1425, 86.1243, 93.0817



18.2340, 18.2999, 20.9944



24.6635, 12.2811, 20.7344



2.3334, 1.1571, 2.1793

Inverse Universe

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



85.0385, 86.4827, 97.8001



89.5512, 90.2994, 103.0685



84.7968, 91.6236, 100.4065



18.2340, 18.2999, 20.9944



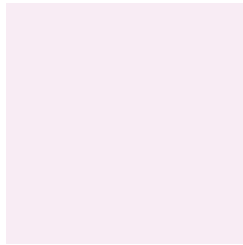
24.6635, 12.2811, 20.7344



2.3334, 1.1571, 2.1793

Previews

White Background



This preview shows how the XYZ color 85.0360, 86.4790, 97.7982 looks on a white background.

Color Contrast Check

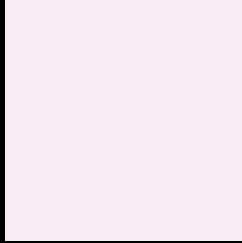
Large Text (above 18pt) WCAG AA × Fail

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 85.0360, 86.4790, 97.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

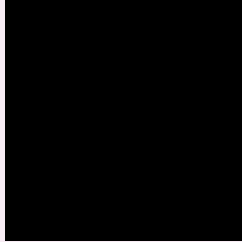
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0360, 86.4790, 97.7982

Background



This preview shows how black text looks on a background with the XYZ color 85.0360, 86.4790, 97.7982.



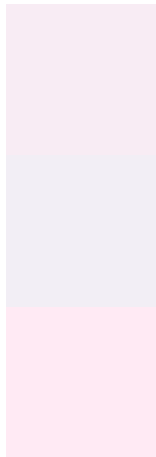
This preview shows how white text looks on a background with the XYZ color 85.0360, 86.4790,

97.7982.

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

85.0360, 86.4790, 97.7982

Protanopia

83.6739, 86.6189, 98.6952

Deuteranopia

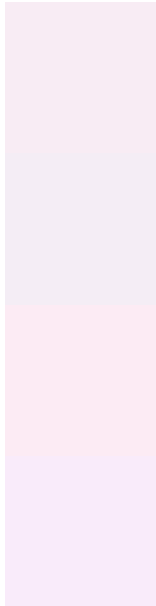
86.9920, 86.6373, 97.7257



Tritanopia

86.5049, 86.6482, 105.0940

Trichromacy



Original Color

85.0360, 86.4790, 97.7982

Protanomaly

84.0738, 86.3940, 98.6308

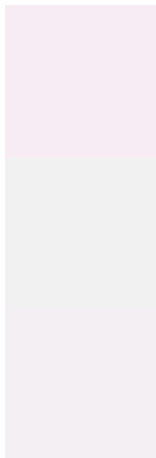
Deuteranomaly

86.1823, 86.6438, 97.7696

Tritanomaly

86.0306, 86.4585, 102.5963

Monochromacy



Original Color

85.0360, 86.4790, 97.7982

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2017, 87.3769, 96.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0360, 86.4790, 97.7982 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(248, 236, 244) looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 244)  
}
```

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(248, 236, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.0360, 86.4790, 97.7982 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(248, 236, 244) }
```


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

```
.border{ border-color:rgb(248, 236, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 236, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0360, 86.4790, 97.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 244) }
```

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

```
.background{ background-color: rgb(248,  
236, 244) }
```

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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