

Converting Colors

XYZ(84.7220, 87.0180, 95.7993)

Have a look what the booklet for
XYZ(84.7220, 87.0180, 95.7993)
contains.

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Color

**XYZ(84.8095, 87.2741,
95.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEF1
RGB	247, 238, 241
RGB Percent	97%, 93%, 95%
CMY	0.0314, 0.0666, 0.0549
CMYK	0.00, 0.04, 0.02, 0.03
HSL	340°, 36%, 95%
HSV	340°, 4%, 97%
XYZ	84.8095, 87.2741, 95.5947
YIQ	241.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

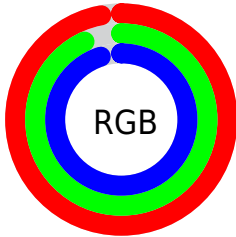
Format	Color
R_YB	247, 238, 241
Decimal	16248561
CIE Lab	94.85, 3.54, -0.38
CIE LCh	95, 3.562, 353.874
Yxy	87.2741, 0.3168, 0.3260
Android (android.graphics.Color)	4294438641 (0xFFFF7EEF1)
YUV	241.0330, -0.0163, 5.2331
Hunter-Lab	93.4206, -1.4394, 4.7246

Details

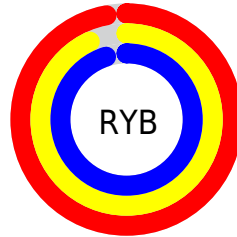
The XYZ color **84.8095, 87.2741, 95.5947** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8531, 91.2326, 98.7300**, and the grayscale version is **83.6349, 87.9905, 95.8216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9708, 48.0350, 52.6950** is the 20% darker color. If you saturate the color by 10%, you get **75.7557, 72.9273, 80.9801**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

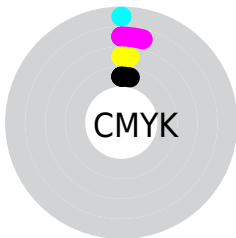
Distribution



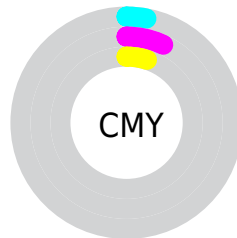
- Red (97%)
- Green (93%)
- Blue (95%)



- Red (97%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8095, 87.2741, 95.5947 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 84.8095, 87.2741, 95.5947 by changing the saturation by 10% instead.

84.8095, 87.2741,
95.5947

84.8095, 87.2741,
95.5947

499.4907,
519.1231, 567.1000

64.0060, 65.7221,
72.0304

139.0224,
143.5461, 157.0886

46.9172, 48.0468,
52.6965

173.1624,
179.0349, 195.8553

33.1779, 33.8640,
37.1745

212.4787,
219.9381, 240.5265

22.4226, 22.7891,
25.0458

257.3365,
266.6400, 291.5209

14.2861, 14.4379,
15.8918

308.1013,
319.5250, 349.2569

8.4030, 8.4258,
9.2941

365.1383,

4.4078, 4.3686,

378.9777, 414.1530

4.8341

428.8130,
445.3822, 486.6279

■ 1.9353, 1.8818,
2.0932

■ 0.5972, 0.5374,
0.6117

■ 84.8095, 87.2741,
95.5947

■ 84.8095, 87.2741,
95.5947

■ 75.7557, 72.9273,
80.9801

■ 92.1683, 98.5144,
108.7651

■ 67.8628, 60.5568,
67.8204

■ 61.0846, 50.0786,
56.0712

■ 55.3687, 41.3984,
45.6834

■ 50.6586, 34.4137,
36.6050

■ 46.8922, 29.0115,
28.7805

■ 43.9999, 25.0652,
22.1498

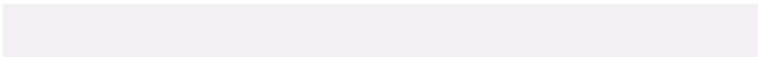
■ 41.9022, 22.4280,
16.6468

■ 40.5032, 20.9219,
12.1973

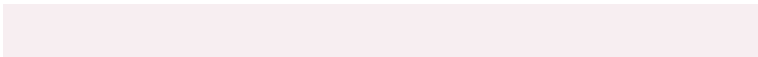
Harmonies

Analogous

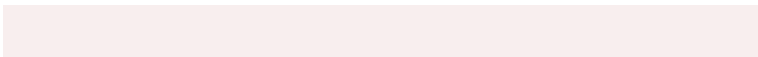
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4588, 87.2741, 98.1932



84.8095, 87.2741, 95.5947



84.6593, 87.2741, 92.8927

Triad

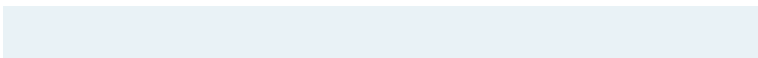
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8095, 87.2741, 95.5947



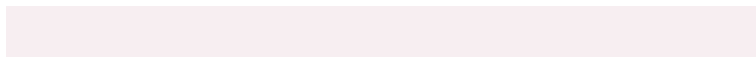
82.2029, 87.2741, 90.2510



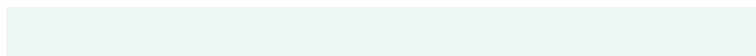
81.8626, 87.2741, 99.3826

Complementary

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



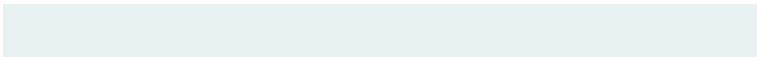
84.8095, 87.2741, 95.5947



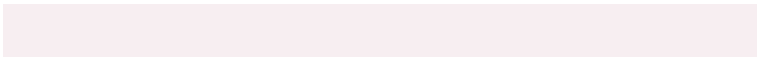
84.8531, 91.2326, 98.7300

Split Complementary

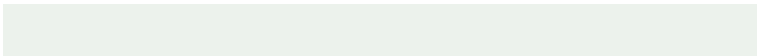
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2667, 87.2741, 97.1930



84.8095, 87.2741, 95.5947



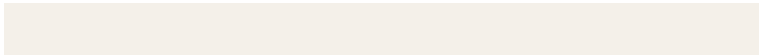
81.4621, 87.2741, 91.9289

Square

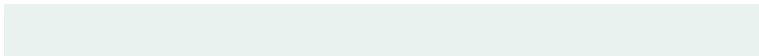
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



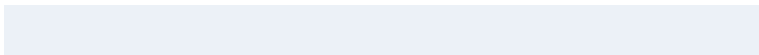
84.8095, 87.2741, 95.5947



83.1495, 87.2741, 89.8418



81.1207, 87.2741, 94.4609



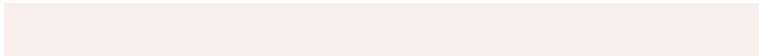
82.7536, 87.2741, 100.4073

Rectangle

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



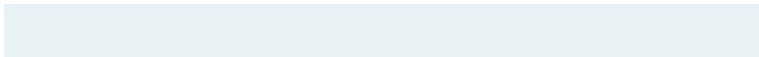
84.8095, 87.2741, 95.5947



84.2958, 87.2741, 91.3920



81.1207, 87.2741, 94.4609



81.6214, 87.2741, 98.7564

Sweetspot

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



84.8120, 87.2779, 95.5966



93.9692, 98.2747, 107.1948



84.6742, 87.1016, 100.3464



20.1247, 21.0530, 22.9621



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.



84.8120, 87.2779, 95.5966



90.8058, 93.2334, 102.1770



84.8064, 87.9770, 93.4049



17.6495, 18.0379, 19.7902



21.1554, 10.8056, 5.5270



1.9051, 0.9680, 0.7266

Inverse Universe

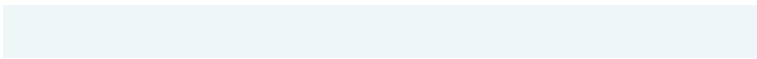
The Inverse Universe completely reimagines the original color for something new.



84.8120, 87.2779, 95.5966



90.8058, 93.2334, 102.1770



84.8552, 90.5028, 100.9934



17.6495, 18.0379, 19.7902



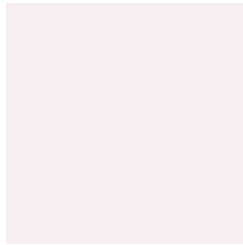
21.1554, 10.8056, 5.5270



1.9051, 0.9680, 0.7266

Previews

White Background



This preview shows how the XYZ color 84.8095, 87.2741, 95.5947 looks on a white background.

Color Contrast Check

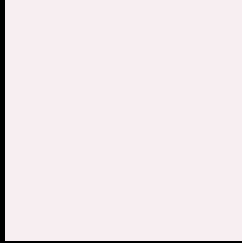
Large Text (above 18pt) WCAG AA × Fail

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 84.8095, 87.2741, 95.5947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

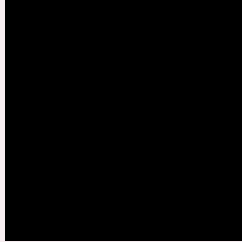
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

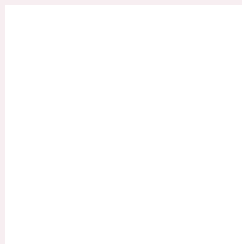
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8095, 87.2741, 95.5947

Background



This preview shows how black text looks on a background with the XYZ color 84.8095, 87.2741, 95.5947.



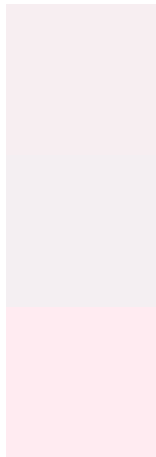
This preview shows how white text looks on a background with the XYZ color 84.8095, 87.2741,

95.5947.

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

84.8095, 87.2741, 95.5947

Protanopia

84.2017, 87.3769, 96.4319

Deuteranopia

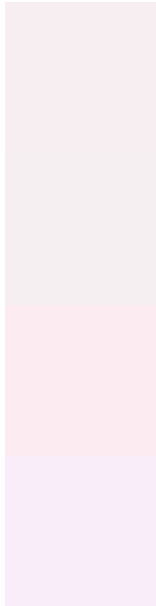
86.8255, 87.0275, 95.4409



Tritanopia

86.9518, 87.2864, 106.0310

Trichromacy



Original Color

84.8095, 87.2741, 95.5947

Protanomaly

84.5497, 87.5563, 96.4482

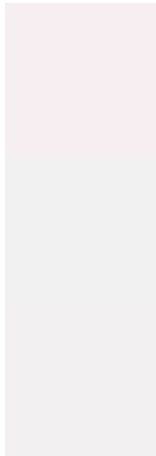
Deuteranomaly

86.0175, 87.0372, 95.4853

Tritanomaly

86.0945, 87.3644, 101.9479

Monochromacy



Original Color

84.8095, 87.2741, 95.5947

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.9994, 87.7257, 95.7246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8095, 87.2741, 95.5947 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, 238, 241) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 241)  
}
```

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, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 241) }
```

Border

The CSS property to change the border of an element to XYZ 84.8095, 87.2741, 95.5947 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, 238, 241) }
```


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

```
.border{ border-color:rgb(247, 238, 241) }
```

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

Here you see how a box with a 4 pixel rgb(247, 238, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8095, 87.2741, 95.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 241) }
```

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

```
.background{ background-color: rgb(247,  
238, 241) }
```

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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