

Converting Colors

XYZ(86.6544, 87.3989, 95.6734)

Have a look what the booklet for
XYZ(86.6544, 87.3989, 95.6734)
contains.

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Color

**XYZ(86.7457, 87.4126,
95.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	FEECF1
RGB	254, 236, 241
RGB Percent	100%, 93%, 95%
CMY	0.0039, 0.0745, 0.0549
CMYK	0.00, 0.07, 0.05, 0.00
HSL	343°, 90%, 96%
HSV	343°, 7%, 100%
XYZ	86.7457, 87.4126, 95.5194
YIQ	241.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

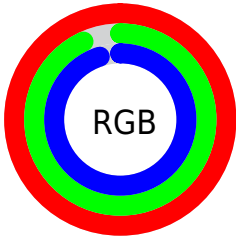
Format	Color
R_{YB}	254, 236, 241
Decimal	16706801
CIE _{Lab}	94.91, 6.92, -0.23
CIE _{LCh}	95, 6.928, 358.108
Yxy	87.4126, 0.3217, 0.3241
Android (android.graphics.Color)	4294896881 (0xFFFEECF1)
YUV	241.9520, -0.4693, 10.5661
Hunter-Lab	93.4947, 1.9991, 4.8723

Details

The XYZ color **86.7457, 87.4126, 95.5194** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.1361, 95.5583, 103.4793**, and the grayscale version is **84.3608, 88.7541, 96.6533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1042, 48.0156, 52.6315** is the 20% darker color. If you saturate the color by 10%, you get **77.3425, 72.7730, 79.5370**, and if you desaturate by 10%, it is **94.6836, 99.8111, 108.8829**.

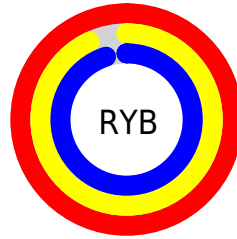
Distribution



Red (100%)

Green (93%)

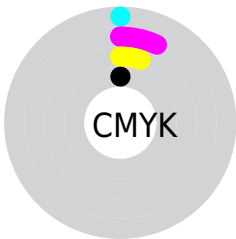
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)

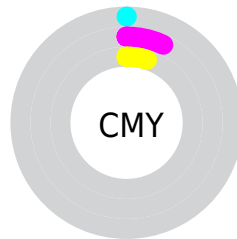


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.7457, 87.4126, 95.5194 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 86.7457, 87.4126, 95.5194 by changing the saturation by 10% instead.


 86.7457, 87.4126,
95.5194

 86.7457, 87.4126,
95.5194


505.7840,
519.5777, 566.8532

 65.6121, 65.8367,
71.9681


141.7111,
143.7391, 156.9837

 48.2241, 48.1399,
52.6459


176.2737,
179.2585, 195.7338

 34.2164, 33.9377,
37.1344


216.0432,
220.1945, 240.3872

 23.2236, 22.8457,
25.0150

261.3852,
266.9315, 291.3625

 14.8803, 14.4796,
15.8691

312.6649,
319.8540, 349.0782

 8.8212, 8.4550,
9.2782

370.2477,

 4.6809, 4.3874,

379.3462, 413.9529

4.8238

434.4989,
445.7927, 486.4050

■ 2.0941, 1.8926,
2.0873

■ 0.6860, 0.5439,
0.6082

■ 86.7457, 87.4126,
95.5194

■ 86.7457, 87.4126,
95.5194

■ 77.3425, 72.7730,
79.5370

94.6836, 99.8111,
108.8829

■ 69.2012, 60.2294,
65.2961

■ 62.2688, 49.6886,
52.7381

■ 56.4860, 41.0461,
41.7991

■ 51.7881, 34.1876,
32.4108

■ 48.1038, 28.9868,
24.4997

■ 45.3529, 25.3003,
17.9860

■ 43.4419, 22.9599,
12.7813

■ 42.2536, 21.7517,
8.7837

Harmonies

Analogous

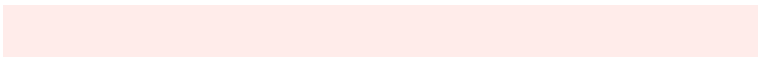
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1878, 87.4126, 100.7480



86.7457, 87.4126, 95.5194



86.3100, 87.4126, 90.3864

Triad

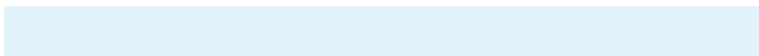
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7457, 87.4126, 95.5194



81.3929, 87.4126, 86.3413



81.1893, 87.4126, 104.2335

Complementary

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



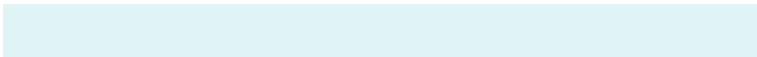
86.7457, 87.4126, 95.5194



87.1361, 95.5583, 103.4793

Split Complementary

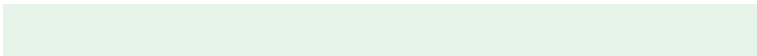
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9375, 87.4126, 100.1349



86.7457, 87.4126, 95.5194



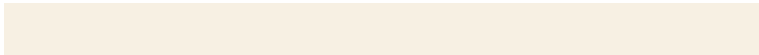
80.0538, 87.4126, 89.8161

Square

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



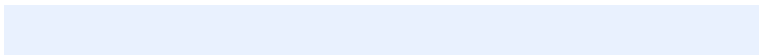
86.7457, 87.4126, 95.5194



83.2024, 87.4126, 85.2082



79.5250, 87.4126, 94.8363



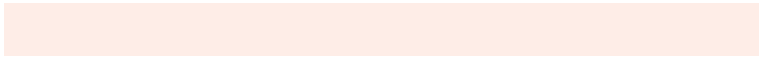
82.9639, 87.4126, 105.8954

Rectangle

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



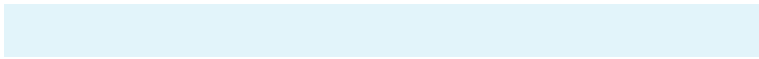
86.7457, 87.4126, 95.5194



85.5184, 87.4126, 87.6826



79.5250, 87.4126, 94.8363



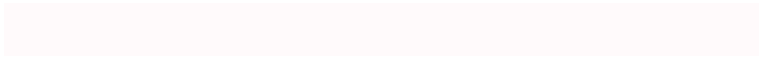
80.6944, 87.4126, 103.0877

Sweetspot

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



86.7482, 87.4164, 95.5213



92.8570, 96.5541, 105.2707



86.9190, 87.2721, 106.0312



19.8982, 20.7026, 22.5704



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

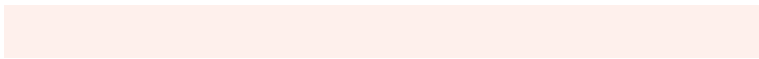
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7482, 87.4164, 95.5213



85.6053, 85.1992, 93.1468



87.1469, 89.3918, 92.0226



18.2166, 18.0699, 19.7576



22.1935, 11.3667, 4.4035



2.2049, 1.1243, 0.6602

Inverse Universe

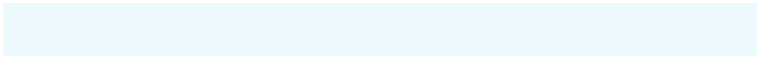
The Inverse Universe completely reimagines the original color for something new.



86.7482, 87.4164, 95.5213



85.6053, 85.1992, 93.1468



86.7011, 93.4246, 107.2303



18.2166, 18.0699, 19.7576



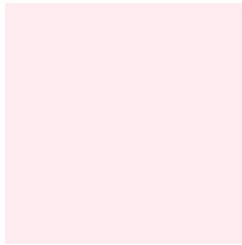
22.1935, 11.3667, 4.4035



2.2049, 1.1243, 0.6602

Previews

White Background



This preview shows how the XYZ color 86.7457, 87.4126, 95.5194 looks on a white background.

Color Contrast Check

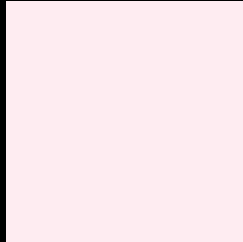
Large Text (above 18pt) WCAG AA × Fail

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 86.7457, 87.4126, 95.5194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

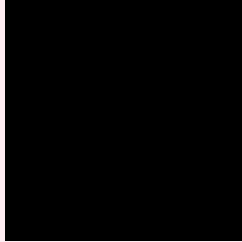
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7457, 87.4126, 95.5194

Background



This preview shows how black text looks on a background with the XYZ color 86.7457, 87.4126, 95.5194.

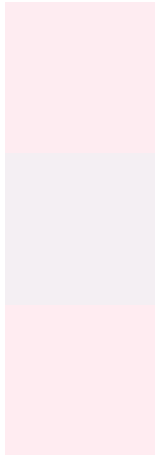


This preview shows how white text looks on a background with the XYZ color 86.7457, 87.4126,

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

86.7457, 87.4126, 95.5194

Protanopia

84.3524, 87.4372, 97.2252

Deuteranopia

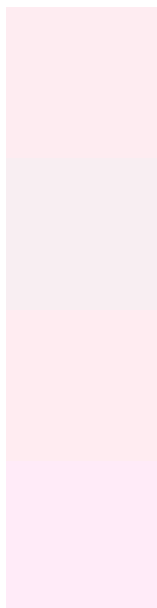
87.1126, 87.6018, 95.5366



Tritanopia

88.2335, 87.1339, 104.2636

Trichromacy



Original Color

86.7457, 87.4126, 95.5194

Protanomaly

85.3129, 87.5163, 96.4003

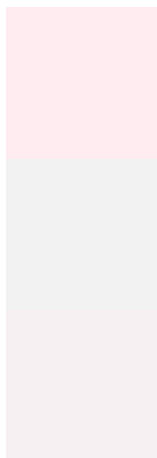
Deuteranomaly

87.1126, 87.6018, 95.5366

Tritanomaly

87.8916, 87.4540, 101.0549

Monochromacy



Original Color

86.7457, 87.4126, 95.5194

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.1931, 88.3238, 96.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7457, 87.4126, 95.5194 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(254, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 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(254, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.7457, 87.4126, 95.5194 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(254, 236, 241) }
```


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

```
.border{ border-color:rgb(254, 236, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7457, 87.4126, 95.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 241) }
```

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

```
.background{ background-color: rgb(254,  
236, 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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