

Converting Colors

XYZ(97.9387, 93.0929, 90.2721)

Have a look what the booklet for
XYZ(97.9387, 93.0929, 90.2721)
contains.

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Color

**XYZ(85.7996, 86.6172,
90.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBEA
RGB	255, 235, 234
RGB Percent	100%, 92%, 92%
CMY	0.0000, 0.0784, 0.0823
CMYK	0.00, 0.08, 0.08, 0.00
HSL	3°, 100%, 96%
HSV	3°, 8%, 100%
XYZ	85.7996, 86.6172, 90.0386
YIQ	240.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

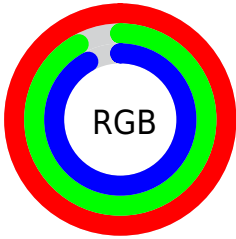
Format	Color
R _Y B	255, 235, 234
Decimal	16772074
CIE Lab	94.58, 6.61, 2.92
CIE LCh	95, 7.227, 23.863
Yxy	86.6172, 0.3269, 0.3300
Android (android.graphics.Color)	4294962154 (0xFFFFEBEA)
YUV	240.8660, -3.3849, 12.3955
Hunter-Lab	93.0684, 1.6893, 7.7880

Details

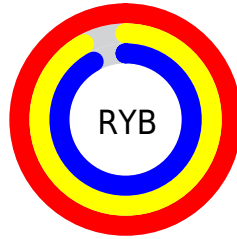
The XYZ color **85.7996, 86.6172, 90.0386** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4226, 95.5935, 108.4515**, and the grayscale version is **83.5246, 87.8744, 95.6952**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4447, 47.4603, 48.7796** is the 20% darker color. If you saturate the color by 10%, you get **75.9132, 72.2913, 69.9512**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



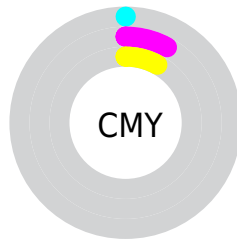
- Red (100%)
- Green (92%)
- Blue (92%)



- Red (100%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7996, 86.6172, 90.0386 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 85.7996, 86.6172, 90.0386 by changing the saturation by 10% instead.


 85.7996, 86.6172,
90.0386

 85.7996, 86.6172,
90.0386


502.7141,
516.9642, 548.7297

 64.8270, 65.1785,
67.4388


140.3981,
142.6305, 149.3280

 47.5850, 47.6058,
48.9774


174.7546,
177.9738, 186.8546

 33.7082, 33.5148,
34.2361


214.3032,
218.7207, 230.1940

 22.8314, 22.5211,
22.7962

259.4092,
265.2558, 279.7645

 14.5890, 14.2403,
14.2392

310.4379,
317.9632, 335.9848

 8.6159, 8.2880,
8.1466

367.7548,

 4.5466, 4.2798,

377.2275, 399.2734

4.0998

431.7250,
443.4330, 470.0489

■ 2.0158, 1.8313,
1.6802

■ 0.6428, 0.5065,
0.3471

■ 85.7996, 86.6172,
90.0386

■ 85.7996, 86.6172,
90.0386

■ 75.9132, 72.2913,
69.9512

95.0500, 100.0000,
108.9000

■ 67.4404, 59.9849,
52.8244

■ 60.3182, 49.6105,
38.5200

■ 54.4770, 41.0701,
26.8865

■ 49.8406, 34.2568,
17.7582

■ 46.3247, 29.0531,
10.9511

■ 43.8345, 25.3264,
6.2559

■ 42.2592, 22.9234,
3.4258

■ 41.4572, 21.6550,
2.1241

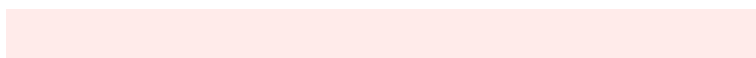
Harmonies

Analogous

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



86.1070, 86.6172, 95.4626



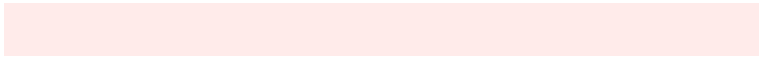
85.7996, 86.6172, 90.0386



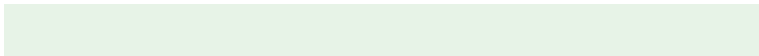
84.5553, 86.6172, 85.9119

Triad

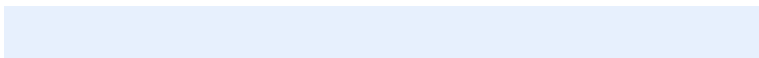
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7996, 86.6172, 90.0386



79.3394, 86.6172, 88.1269



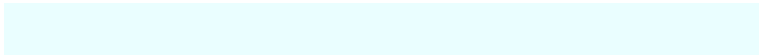
81.9274, 86.6172, 105.3823

Complementary

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



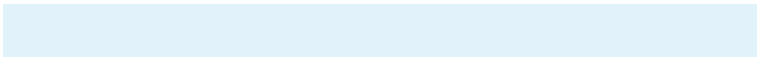
85.7996, 86.6172, 90.0386



87.4226, 95.5935, 108.4515

Split Complementary

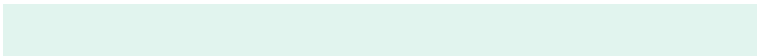
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1383, 86.6172, 103.2412



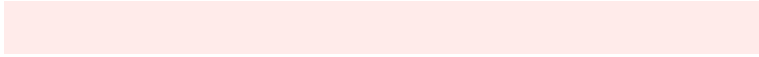
85.7996, 86.6172, 90.0386



78.6594, 86.6172, 93.1695

Square

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



85.7996, 86.6172, 90.0386



80.8213, 86.6172, 84.8390



78.9495, 86.6172, 98.7173



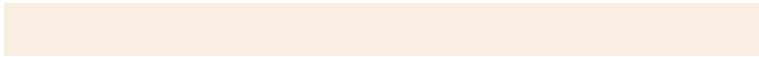
83.8514, 86.6172, 104.4638

Rectangle

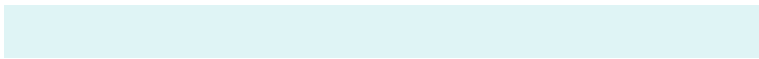
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



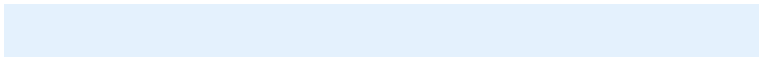
85.7996, 86.6172, 90.0386



83.3723, 86.6172, 84.3792



78.9495, 86.6172, 98.7173



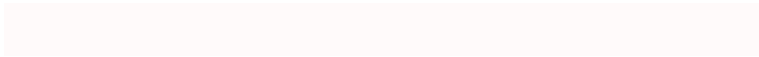
81.2906, 86.6172, 104.9939

Sweetspot

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



85.8016, 86.6208, 90.0404



92.7100, 96.6166, 104.1228



88.6008, 87.2816, 106.1953



19.8683, 20.7154, 22.3366



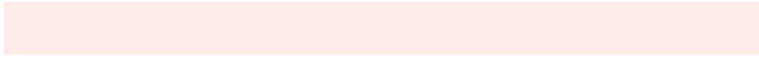
0.0000, 0.0000, 0.0000



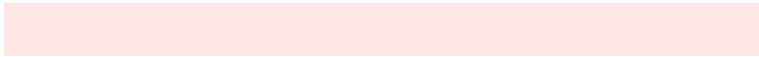
20.3446, 21.4041, 23.3091

Same Dimension

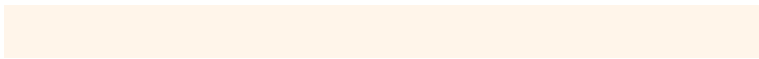
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8016, 86.6208, 90.0404



83.9503, 83.9402, 86.2727



88.8047, 92.6270, 91.0415



18.0791, 18.1263, 18.6902



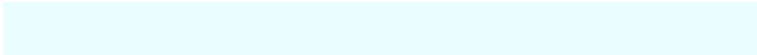
21.6481, 11.3074, 1.0416



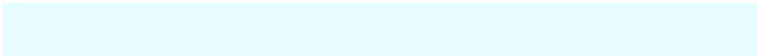
2.1312, 1.1478, 0.1092

Inverse Universe

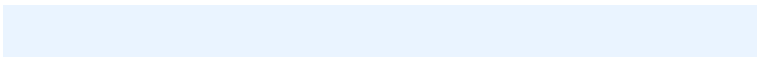
The Inverse Universe completely reimagines the original color for something new.



87.4226, 95.5935, 108.4515



85.8950, 94.7046, 108.3604



84.2731, 89.2943, 107.4016



18.4760, 20.3237, 23.1990



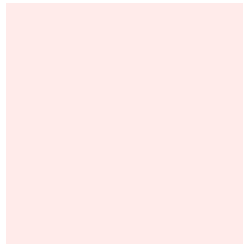
26.1803, 37.2701, 55.2486



2.5711, 3.6729, 5.3867

Previews

White Background



This preview shows how the XYZ color 85.7996, 86.6172, 90.0386 looks on a white background.

Color Contrast Check

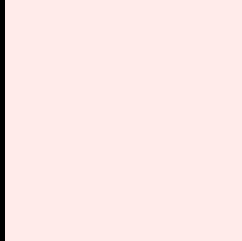
Large Text (above 18pt) WCAG AA × Fail

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 85.7996, 86.6172, 90.0386 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

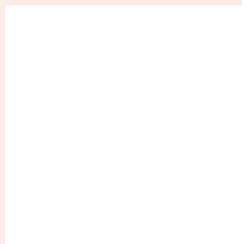
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7996, 86.6172, 90.0386

Background



This preview shows how black text looks on a background with the XYZ color 85.7996, 86.6172, 90.0386.



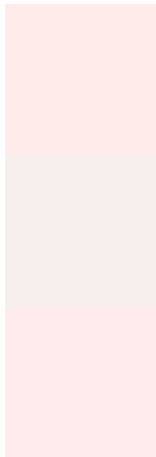
This preview shows how white text looks on a background with the XYZ color 85.7996, 86.6172,

90.0386.

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

85.7996, 86.6172, 90.0386

Protanopia

83.0231, 86.4383, 91.6654

Deuteranopia

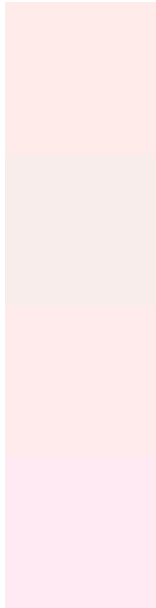
86.2344, 86.7911, 92.3281



Tritanopia

87.4778, 86.3774, 101.6845

Trichromacy



Original Color

85.7996, 86.6172, 90.0386

Protanomaly

83.9910, 86.5230, 90.8711

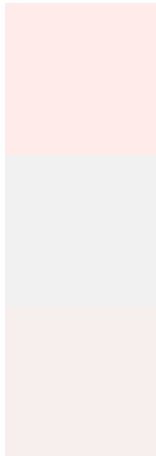
Deuteranomaly

86.0887, 86.7328, 91.5606

Tritanomaly

86.9920, 86.6373, 97.7257

Monochromacy



Original Color

85.7996, 86.6172, 90.0386

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3052, 87.4989, 93.3345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7996, 86.6172, 90.0386 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, 235, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 234)  
}
```

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, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.7996, 86.6172, 90.0386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

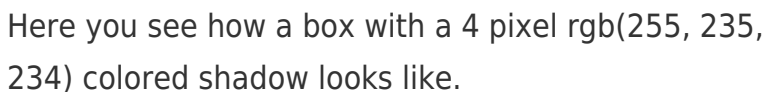
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 235, 234) }
```


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

```
.border{ border-color:rgb(255, 235, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 235, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7996, 86.6172, 90.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 234) }
```

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

```
.background{ background-color: rgb(255,  
235, 234) }
```

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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