

Converting Colors

XYZ(84.9262, 85.7264, 90.6680)

Have a look what the booklet for
XYZ(84.9262, 85.7264, 90.6680)
contains.

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Color

**XYZ(84.9262, 85.7264,
90.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEAEB
RGB	253, 234, 235
RGB Percent	99%, 92%, 92%
CMY	0.0078, 0.0823, 0.0784
CMYK	0.00, 0.08, 0.07, 0.01
HSL	357°, 83%, 95%
HSV	357°, 8%, 99%
XYZ	84.9262, 85.7264, 90.6680
YIQ	239.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

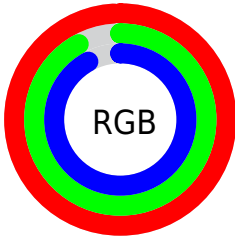
Format	Color
R _Y B	253, 234, 235
Decimal	16640747
CIE Lab	94.20, 6.60, 1.83
CIE LCh	94, 6.853, 15.502
Yxy	85.7264, 0.3250, 0.3281
Android (android.graphics.Color)	4294830827 (0xFFFDEAEB)
YUV	239.7950, -2.3639, 11.5808
Hunter-Lab	92.5886, 1.6979, 6.7518

Details

The XYZ color **84.9262, 85.7264, 90.6680** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6309, 94.7734, 105.8273**, and the grayscale version is **82.6780, 86.9837, 94.7253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8220, 46.8312, 49.2194** is the 20% darker color. If you saturate the color by 10%, you get **74.9982, 71.0441, 71.4062**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

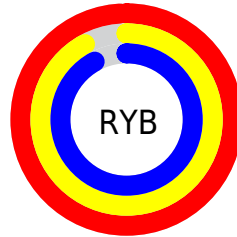
Distribution



Red (99%)

Green (92%)

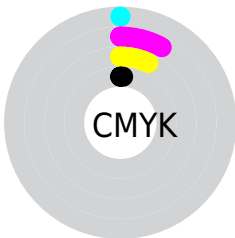
Blue (92%)



Red (99%)

Yellow (92%)

Blue (92%)

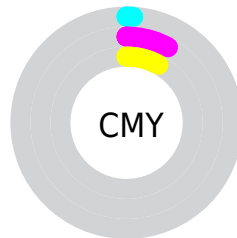


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (8%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9262, 85.7264, 90.6680 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 84.9262, 85.7264, 90.6680 by changing the saturation by 10% instead.


 84.9262, 85.7264,
90.6680

 84.9262, 85.7264,
90.6680


499.8712,
514.0286, 550.8275

 64.1027, 64.4418,
67.9580

139.1846,
141.3876, 150.2095

 46.9958, 47.0086,
49.3971


173.3502,
176.5330, 187.8782

 33.2403, 33.0424,
34.5667


212.6940,
217.0674, 231.3700

 22.4707, 22.1589,
23.0485

257.5811,
263.3752, 281.1037

 14.3217, 13.9737,
14.4237

308.3770,
315.8408, 337.4978

 8.4280, 8.1024,
8.2738

365.4471,

 4.4241, 4.1605,

374.8487, 400.9707

4.1804

429.1567,
440.7832, 471.9411

■ 1.9447, 1.7638,
1.7248

■ 0.6026, 0.4644,
0.3776

■ 84.9262, 85.7264,
90.6680

■ 84.9262, 85.7264,
90.6680

■ 74.9982, 71.0441,
71.4062

94.3185, 99.6229,
108.8658

■ 66.5011, 58.5076,
54.8319

■ 59.3713, 48.0198,
40.8273

■ 53.5373, 39.4719,
29.2637

■ 48.9211, 32.7448,
20.0014

■ 45.4364, 27.7065,
12.8864

■ 42.9855, 24.2072,
7.7460

■ 41.4543, 22.0707,
4.3809

■ 40.6965, 21.0676,
2.5482

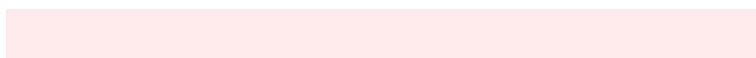
Harmonies

Analogous

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



84.9426, 85.7264, 95.8929



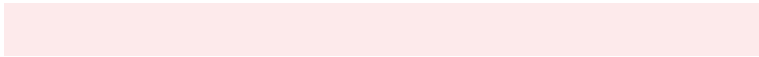
84.9262, 85.7264, 90.6680



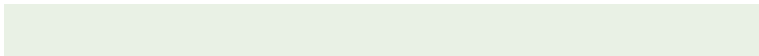
83.9772, 85.7264, 86.3211

Triad

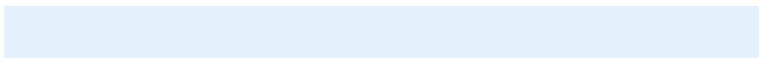
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9262, 85.7264, 90.6680



78.9907, 85.7264, 86.4399



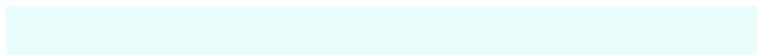
80.6007, 85.7264, 103.4654

Complementary

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



84.9262, 85.7264, 90.6680



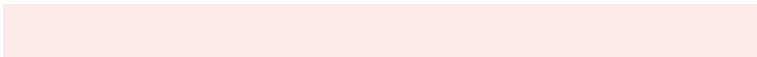
86.6309, 94.7734, 105.8273

Split Complementary

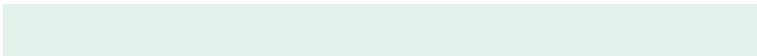
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0335, 85.7264, 100.7325



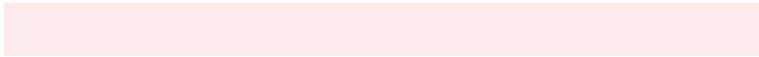
84.9262, 85.7264, 90.6680



78.1135, 85.7264, 90.8357

Square

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



84.9262, 85.7264, 90.6680



80.5414, 85.7264, 83.9432



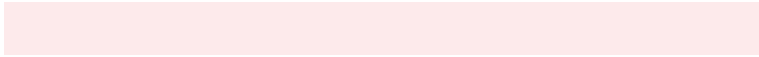
78.1290, 85.7264, 96.0670



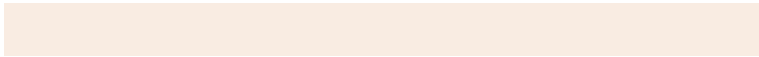
82.4266, 85.7264, 103.4163

Rectangle

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



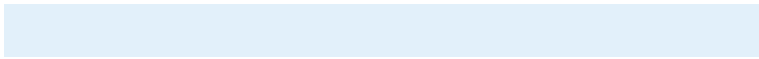
84.9262, 85.7264, 90.6680



82.9515, 85.7264, 84.4490



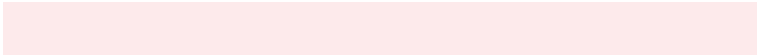
78.1290, 85.7264, 96.0670



80.0267, 85.7264, 102.8372

Sweetspot

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



84.9286, 85.7302, 90.6698



92.6761, 96.4817, 104.3184



87.2033, 86.5869, 105.0464



19.8614, 20.6879, 22.3764



0.0000, 0.0000, 0.0000



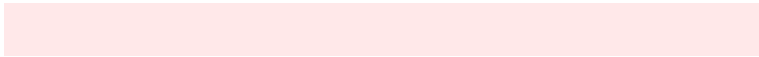
20.3446, 21.4041, 23.3091

Same Dimension

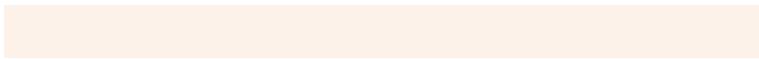
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9286, 85.7302, 90.6698



84.8548, 84.8990, 89.1952



87.1834, 90.4693, 90.7136



18.0480, 18.0025, 18.8697



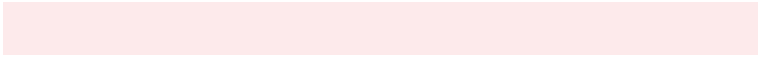
21.6037, 11.1308, 1.2977



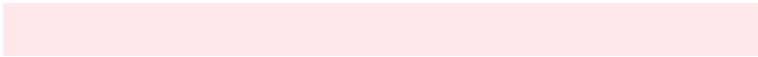
2.1164, 1.0889, 0.1946

Inverse Universe

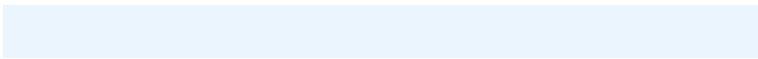
The Inverse Universe completely reimagines the original color for something new.



84.9286, 85.7302, 90.6698



84.8548, 84.8990, 89.1952



84.2463, 89.7511, 105.8130



18.0480, 18.0025, 18.8697



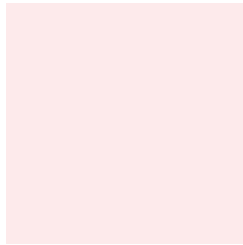
21.6037, 11.1308, 1.2977



2.1164, 1.0889, 0.1946

Previews

White Background



This preview shows how the XYZ color 84.9262, 85.7264, 90.6680 looks on a white background.

Color Contrast Check

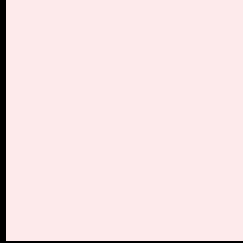
Large Text (above 18pt) WCAG AA × Fail

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 84.9262, 85.7264, 90.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

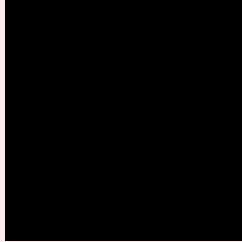
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

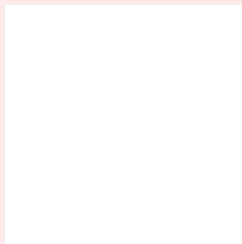
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9262, 85.7264, 90.6680

Background



This preview shows how black text looks on a background with the XYZ color 84.9262, 85.7264, 90.6680.



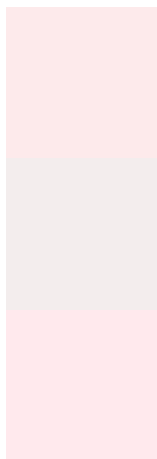
This preview shows how white text looks on a background with the XYZ color 84.9262, 85.7264,

90.6680.

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

84.9262, 85.7264, 90.6680

Protanopia

82.5324, 85.7375, 92.3198

Deuteranopia

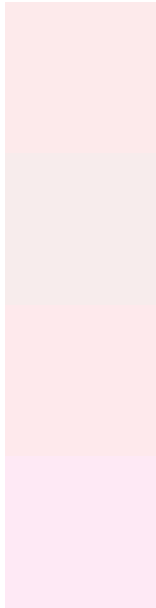
85.6650, 85.6523, 92.1383



Tritanopia

87.3519, 85.8754, 102.4141

Trichromacy



Original Color

84.9262, 85.7264, 90.6680

Protanomaly

83.4935, 85.8212, 91.5214

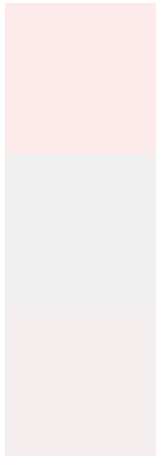
Deuteranomaly

85.1523, 85.4048, 91.3536

Tritanomaly

86.4934, 85.9412, 98.4158

Monochromacy



Original Color

84.9262, 85.7264, 90.6680

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6633, 86.7346, 93.2208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9262, 85.7264, 90.6680 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(253, 234, 235) looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 235)  
}
```

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(253, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 235) }
```

Border

The CSS property to change the border of an element to XYZ 84.9262, 85.7264, 90.6680 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(253, 234, 235) }
```


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

```
.border{ border-color:rgb(253, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9262, 85.7264, 90.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 235) }
```

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

```
.background{ background-color: rgb(253,  
234, 235) }
```

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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