

Converting Colors

XYZ(82.4518, 84.0930, 90.4742)

Have a look what the booklet for
XYZ(82.4518, 84.0930, 90.4742)
contains.

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Color

**XYZ(82.4921, 84.0501,
90.4728)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E9EB
RGB	247, 233, 235
RGB Percent	97%, 91%, 92%
CMY	0.0314, 0.0863, 0.0784
CMYK	0.00, 0.06, 0.05, 0.03
HSL	351°, 47%, 94%
HSV	351°, 6%, 97%
XYZ	82.4921, 84.0501, 90.4728
YIQ	237.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

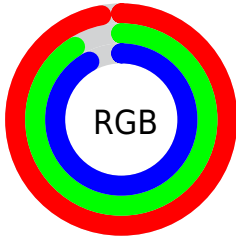
Format	Color
R _Y B	247, 233, 235
Decimal	16247275
CIE Lab	93.47, 5.07, 0.72
CIE LCh	93, 5.125, 8.077
Yxy	84.0501, 0.3210, 0.3270
Android (android.graphics.Color)	4294437355 (0xFF7E9EB)
YUV	237.4140, -1.1901, 8.4069
Hunter-Lab	91.6788, 0.1753, 5.6652

Details

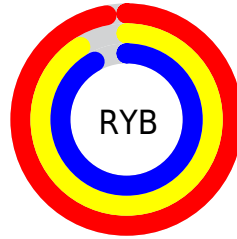
The XYZ color **82.4921, 84.0501, 90.4728** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3496, 90.4399, 99.4543**, and the grayscale version is **80.8220, 85.0310, 92.5988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3447, 45.7753, 49.0934** is the 20% darker color. If you saturate the color by 10%, you get **73.1039, 69.8814, 73.1360**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

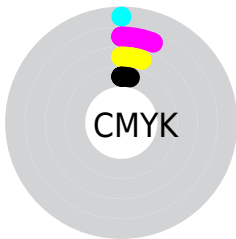
Distribution



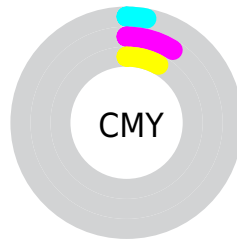
- Red (97%)
- Green (91%)
- Blue (92%)



- Red (97%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4921, 84.0501, 90.4728 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 82.4921, 84.0501, 90.4728 by changing the saturation by 10% instead.

 82.4921, 84.0501,
90.4728

 82.4921, 84.0501,
90.4728


491.9018,
508.4796, 550.1774

 62.0867, 63.0568,
67.7969


135.7961,
139.0453, 149.9362

 45.3587, 45.8872,
49.2669


169.4255,
173.8159, 187.5608

 31.9425, 32.1568,
34.4641


208.1935,
213.9478, 231.0055

 21.4729, 21.4813,
22.9702

252.4656,
259.8253, 280.6886

 13.5846, 13.4763,
14.3664

302.6072,
311.8328, 337.0288

 7.9120, 7.7573,
8.2343

358.9835,

 4.0901, 3.9401,

370.3548, 400.4447

4.1553

421.9599,
435.7756, 471.3547

■ 1.7532, 1.6401,
1.7109

■ 0.4892, 0.3844,
0.3682

■ 82.4921, 84.0501,
90.4728

■ 82.4921, 84.0501,
90.4728

■ 73.1039, 69.8814,
73.1360

■ 92.1683, 98.5144,
108.7651

■ 65.0032, 57.7262,
57.9618

■ 58.1356, 47.4963,
44.8664

■ 52.4403, 39.0928,
33.7590

■ 47.8510, 32.4078,
24.5418

■ 44.2948, 27.3221,
17.1086

■ 41.6901, 23.7013,
11.3426

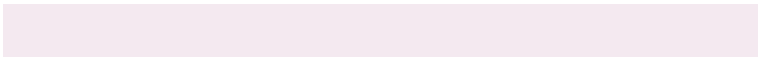
■ 39.9423, 21.3889,
7.1129

■ 38.9368, 20.1919,
4.2680

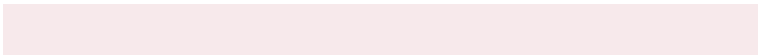
Harmonies

Analogous

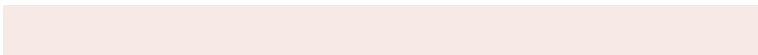
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3263, 84.0501, 94.3279



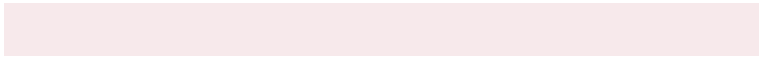
82.4921, 84.0501, 90.4728



81.9537, 84.0501, 86.9953

Triad

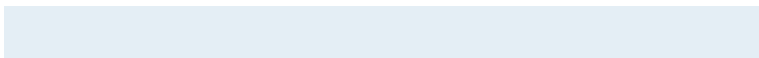
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4921, 84.0501, 90.4728



78.2925, 84.0501, 85.7725



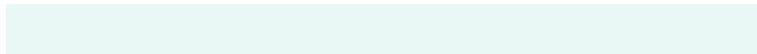
78.9192, 84.0501, 98.6077

Complementary

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



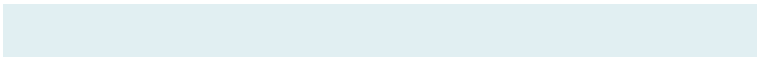
82.4921, 84.0501, 90.4728



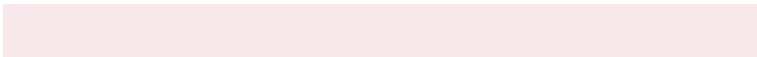
83.3496, 90.4399, 99.4543

Split Complementary

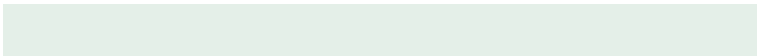
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8555, 84.0501, 96.1913



82.4921, 84.0501, 90.4728



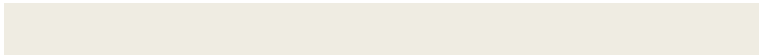
77.4966, 84.0501, 88.7611

Square

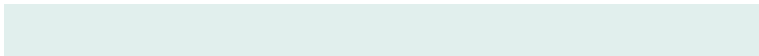
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4921, 84.0501, 90.4728



79.5219, 84.0501, 84.3320



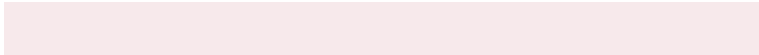
77.3375, 84.0501, 92.5677



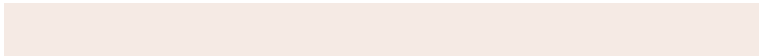
80.2534, 84.0501, 99.0973

Rectangle

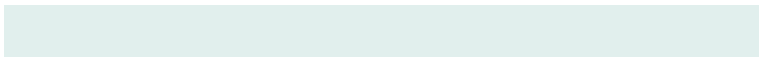
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



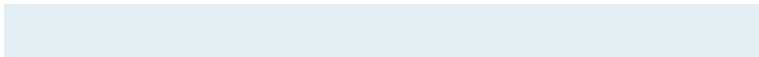
82.4921, 84.0501, 90.4728



81.2714, 84.0501, 85.3336



77.3375, 84.0501, 92.5677



78.5186, 84.0501, 97.9906

Sweetspot

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



82.4945, 84.0538, 90.4746



92.7484, 96.5106, 104.6991



83.5513, 84.3914, 99.8824



19.8761, 20.6938, 22.4540



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

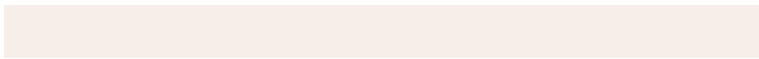
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4945, 84.0538, 90.4746



87.2506, 88.1885, 94.6247



83.6138, 86.7513, 89.4328



16.9818, 17.1048, 18.3274



20.4788, 10.5350, 1.9637



1.8288, 0.9375, 0.3247

Inverse Universe

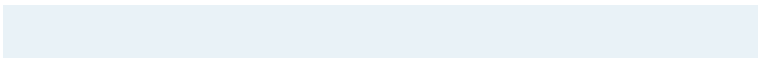
The Inverse Universe completely reimagines the original color for something new.



82.4945, 84.0538, 90.4746



87.2506, 88.1885, 94.6247



82.1777, 87.6057, 100.5752



16.9818, 17.1048, 18.3274



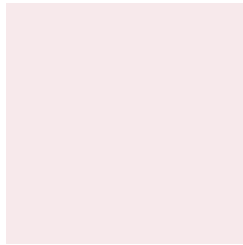
20.4788, 10.5350, 1.9637



1.8288, 0.9375, 0.3247

Previews

White Background



This preview shows how the XYZ color 82.4921, 84.0501, 90.4728 looks on a white background.

Color Contrast Check

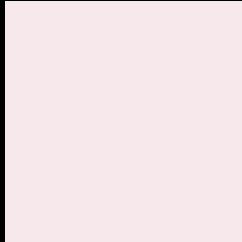
Large Text (above 18pt) WCAG AA × Fail

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 82.4921, 84.0501, 90.4728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

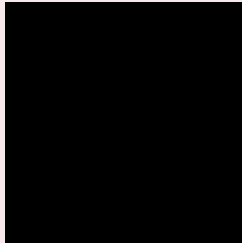
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

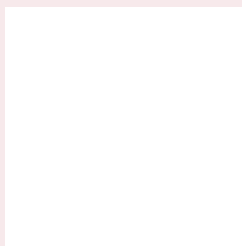
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4921, 84.0501, 90.4728

Background



This preview shows how black text looks on a background with the XYZ color 82.4921, 84.0501, 90.4728.



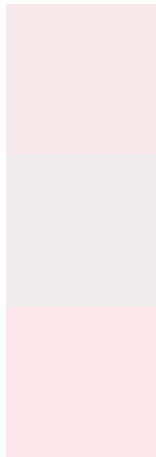
This preview shows how white text looks on a background with the XYZ color 82.4921, 84.0501,

90.4728.

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

82.4921, 84.0501, 90.4728

Protanopia

80.7838, 83.9981, 91.3124

Deuteranopia

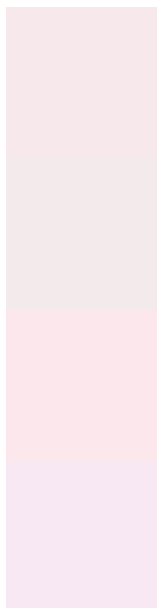
84.6771, 83.9098, 91.0901



Tritanopia

84.7417, 84.1311, 101.3951

Trichromacy



Original Color

82.4921, 84.0501, 90.4728

Protanomaly

81.5253, 83.9565, 91.2653

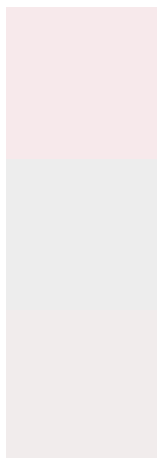
Deuteranomaly

83.8611, 83.9034, 91.1319

Tritanomaly

83.8971, 84.2013, 97.4186

Monochromacy



Original Color

82.4921, 84.0501, 90.4728

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4114, 84.7478, 91.4240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4921, 84.0501, 90.4728 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, 233, 235) looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 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(247, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.4921, 84.0501, 90.4728 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, 233, 235) }
```


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

```
.border{ border-color:rgb(247, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4921, 84.0501, 90.4728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 235) }
```

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

```
.background{ background-color: rgb(247,  
233, 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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