

Converting Colors

XYZ(82.3009, 82.1759, 85.2372)

Have a look what the booklet for
XYZ(82.3009, 82.1759, 85.2372)
contains.

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Color

**XYZ(82.2550, 81.9709,
84.8854)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE4E4
RGB	253, 228, 228
RGB Percent	99%, 89%, 89%
CMY	0.0078, 0.1059, 0.1059
CMYK	0.00, 0.10, 0.10, 0.01
HSL	0°, 86%, 94%
HSV	0°, 10%, 99%
XYZ	82.2550, 81.9709, 84.8854
YIQ	235.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

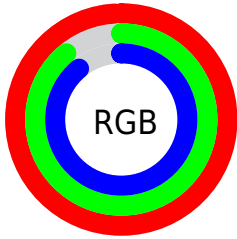
Format	Color
R _Y B	253, 228, 228
Decimal	16639204
CIE Lab	92.56, 8.54, 3.10
CIE LCh	93, 9.087, 19.974
Yxy	81.9709, 0.3302, 0.3291
Android (android.graphics.Color)	4294829284 (0xFFFD E4E4)
YUV	235.4750, -3.6852, 15.3694
Hunter-Lab	90.5378, 3.7289, 7.7880

Details

The XYZ color **82.2550, 81.9709, 84.8854** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8494, 93.8345, 106.5693**, and the grayscale version is **79.3488, 83.4812, 90.9110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2513, 44.6400, 45.7665** is the 20% darker color. If you saturate the color by 10%, you get **72.5400, 67.7557, 65.5684**, and if you desaturate by 10%, it is **93.5067, 98.4351, 107.2522**.

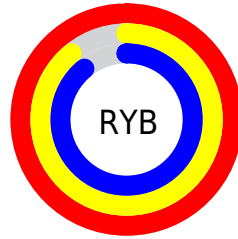
Distribution



Red (99%)

Green (89%)

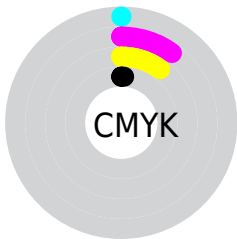
Blue (89%)



Red (99%)

Yellow (89%)

Blue (89%)

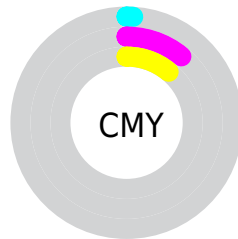


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2550, 81.9709, 84.8854 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 82.2550, 81.9709, 84.8854 by changing the saturation by 10% instead.

 82.2550, 81.9709,
84.8854

 82.2550, 81.9709,
84.8854


491.1218,
501.5504, 531.3835

 61.8906, 61.3415,
63.1971

135.4655,
136.1332, 142.0858

 45.1996, 44.5009,
45.5586


169.0423,
170.4349, 178.4350

 31.8166, 31.0645,
31.5515


207.7539,
210.0629, 220.5081

 21.3763, 20.6479,
20.7572

251.9657,
255.4015, 268.7239

 13.5134, 12.8669,
12.7571

302.0430,
306.8352, 323.5008

 7.8624, 7.3370,
7.1328

358.3513,

 4.0581, 3.6737,

364.7483, 385.2573

3.4656

421.2557,
429.5252, 454.4120

■ 1.7351, 1.4928,
1.3370

■ 0.4781, 0.2836,
0.0918

■ 82.2550, 81.9709,
84.8854

■ 82.2550, 81.9709,
84.8854

■ 72.5400, 67.7557,
65.5684

■ 93.5067, 98.4351,
107.2522

■ 64.2885, 55.6817,
49.1643

■ 94.3184, 99.6229,
108.8658

■ 57.4318, 45.6484,
35.5333

■ 51.8929, 37.5433,
24.5223

■ 47.5872, 31.2426,
15.9633

■ 44.4204, 26.6085,
9.6689

■ 42.2849, 23.4832,
5.4246

■ 41.0519, 21.6787,
2.9748

■ 40.5138, 20.8910,
1.9057

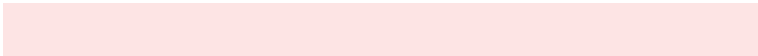
Harmonies

Analogous

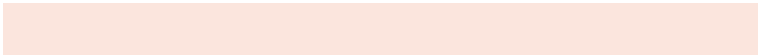
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4664, 81.9709, 91.5347



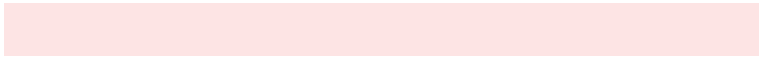
82.2550, 81.9709, 84.8854



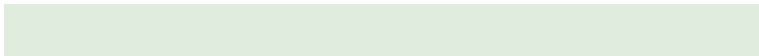
80.8666, 81.9709, 79.6640

Triad

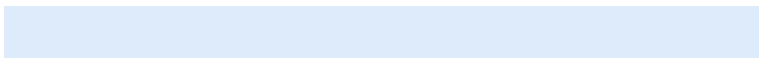
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2550, 81.9709, 84.8854



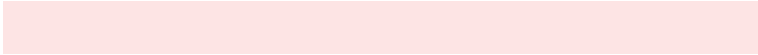
74.4867, 81.9709, 81.1506



77.1233, 81.9709, 102.6743

Complementary

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



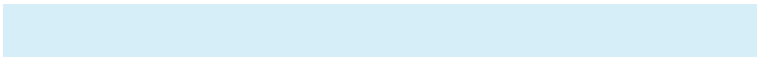
82.2550, 81.9709, 84.8854



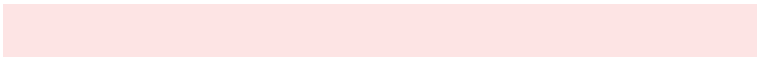
84.8494, 93.8345, 106.5693

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.



75.0281, 81.9709, 99.5808



82.2550, 81.9709, 84.8854



73.5263, 81.9709, 87.0083

Square

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



82.2550, 81.9709, 84.8854



76.3708, 81.9709, 77.5844



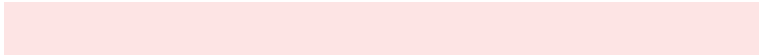
73.7225, 81.9709, 93.7666



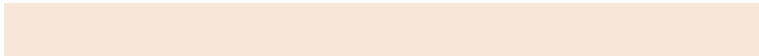
79.4716, 81.9709, 102.0352

Rectangle

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



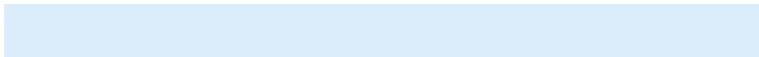
82.2550, 81.9709, 84.8854



79.4756, 81.9709, 77.5882



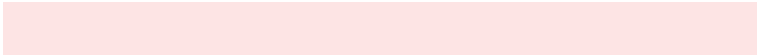
73.7225, 81.9709, 93.7666



76.3669, 81.9709, 102.0307

Sweetspot

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



82.2573, 81.9745, 84.8871



91.4509, 94.7337, 101.7446



85.9820, 83.4624, 104.5075



19.3736, 19.9833, 21.3786



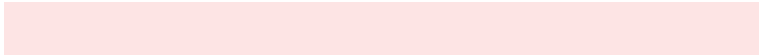
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.2573, 81.9745, 84.8871



81.5137, 80.1931, 81.9884



85.8201, 89.1001, 86.0748



18.0097, 17.9876, 18.6671



21.5492, 11.1096, 1.0086



2.0983, 1.0819, 0.0982

Inverse Universe

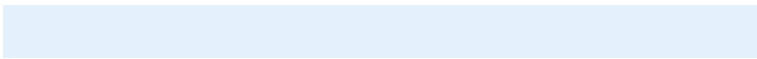
The Inverse Universe completely reimagines the original color for something new.



84.8494, 93.8345, 106.5693



84.6728, 94.6478, 108.4139



81.0331, 86.2019, 105.2972



18.5547, 20.4809, 23.2252



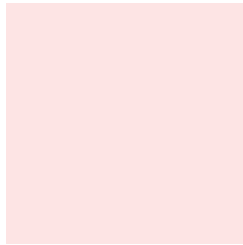
28.1093, 41.1282, 55.8916



2.7370, 4.0047, 5.4420

Previews

White Background



This preview shows how the XYZ color 82.2550, 81.9709, 84.8854 looks on a white background.

Color Contrast Check

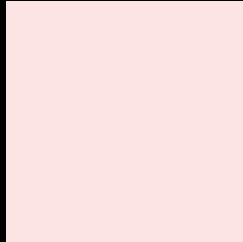
Large Text (above 18pt) WCAG AA × Fail

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 82.2550, 81.9709, 84.8854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

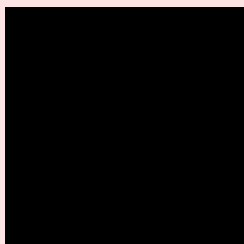
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

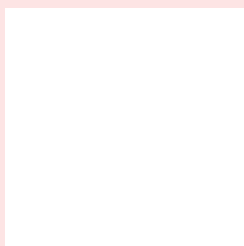
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2550, 81.9709, 84.8854

Background



This preview shows how black text looks on a background with the XYZ color 82.2550, 81.9709, 84.8854.



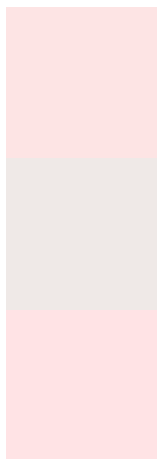
This preview shows how white text looks on a background with the XYZ color 82.2550, 81.9709,

84.8854.

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

82.2550, 81.9709, 84.8854

Protanopia

79.1593, 82.3981, 87.3336

Deuteranopia

82.8519, 81.8553, 85.5616



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

82.2550, 81.9709, 84.8854

Protanomaly

80.1671, 82.0981, 86.4842

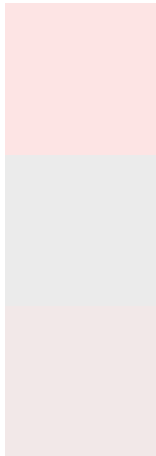
Deuteranomaly

82.4850, 81.6661, 85.5445

Tritanomaly

83.7748, 82.1820, 92.3362

Monochromacy



Original Color

82.2550, 81.9709, 84.8854

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0401, 82.4167, 88.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2550, 81.9709, 84.8854 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, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 82.2550, 81.9709, 84.8854 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, 228, 228) }
```


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

```
.border{ border-color:rgb(253, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2550, 81.9709, 84.8854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 228) }
```

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

```
.background{ background-color: rgb(253,  
228, 228) }
```

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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