

Converting Colors

XYZ(91.4967, 86.9879, 83.0078)

Have a look what the booklet for
XYZ(91.4967, 86.9879, 83.0078)
contains.

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Color

**XYZ(82.5740, 82.1830,
82.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E1
RGB	255, 228, 225
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1059, 0.1176
CMYK	0.00, 0.11, 0.12, 0.00
HSL	6°, 100%, 94%
HSV	6°, 12%, 100%
XYZ	82.5740, 82.1830, 82.7450
YIQ	235.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

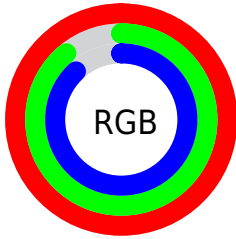
Format	Color
R _Y B	255, 228, 225
Decimal	16770273
CIE Lab	92.66, 8.75, 4.83
CIE LCh	93, 9.994, 28.870
Yxy	82.1830, 0.3336, 0.3320
Android (android.graphics.Color)	4294960353 (0xFFFFE4E1)
YUV	235.7310, -5.2904, 16.8989
Hunter-Lab	90.6548, 3.9428, 9.3416

Details

The XYZ color **82.5740, 82.1830, 82.7450** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **mistyrose**. A complement of this color would be **83.9109, 92.8459, 108.1062**, and the grayscale version is **79.5548, 83.6978, 91.1469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4880, 44.7952, 44.2791** is the 20% darker color. If you saturate the color by 10%, you get **73.4528, 69.0981, 63.8046**, and if you desaturate by 10%, it is **93.0564, 97.1581, 104.7043**.

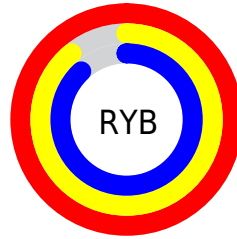
Distribution



Red (100%)

Green (89%)

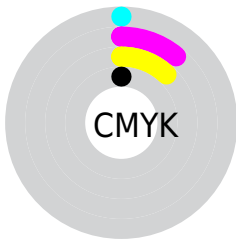
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

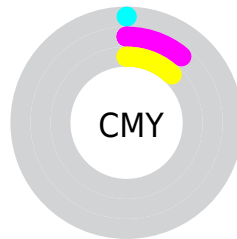


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5740, 82.1830, 82.7450 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 82.5740, 82.1830, 82.7450 by changing the saturation by 10% instead.

 82.5740, 82.1830,
82.7450

 82.5740, 82.1830,
82.7450


492.1711,
502.2596, 524.0850

 62.1545, 61.5164,
61.4404


135.9103,
136.4306, 139.0643

 45.4136, 44.6420,
44.1478


169.5578,
170.7804, 174.9161

 31.9860, 31.1756,
30.4487


208.3453,
210.4600, 216.4540

 21.5063, 20.7326,
19.9245

252.6383,
255.8539, 264.0967

 13.6092, 12.9287,
12.1566

302.8019,
307.3464, 318.2626

 7.9292, 7.3794,
6.7266

359.2018,

 4.1011, 3.7005,

365.3219, 379.3702

3.2159

422.2030,
430.1648, 447.8382

■ 1.7595, 1.5075,
1.2059

■ 0.4931, 0.2940,
0.0000

■ 82.5740, 82.1830,
82.7450

■ 82.5740, 82.1830,
82.7450

■ 73.4528, 69.0981,
63.8046

■ 93.0564, 97.1581,
104.7043

■ 65.6314, 57.8185,
47.7462

95.0500, 100.0000,
108.9000

■ 59.0521, 48.2679,
34.4299

■ 53.6506, 40.3608,
23.7022

■ 49.3570, 34.0042,
15.3944

■ 46.0937, 29.0958,
9.3178

■ 43.7731, 25.5212,
5.2559

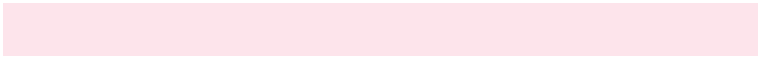
■ 42.2924, 23.1482,
2.9485

■ 41.5992, 21.9785,
2.0497

Harmonies

Analogous

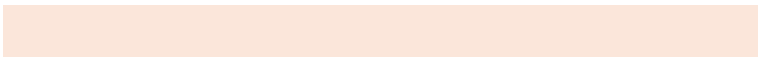
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2196, 82.1830, 89.7659



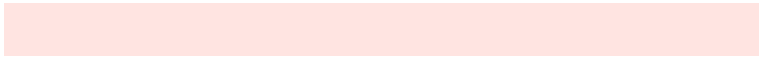
82.5740, 82.1830, 82.7450



80.7263, 82.1830, 77.7753

Triad

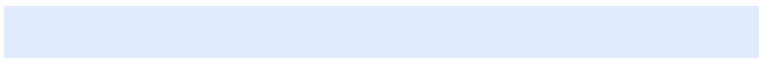
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5740, 82.1830, 82.7450



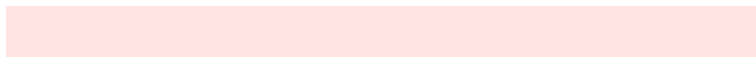
73.9096, 82.1830, 82.2817



78.0139, 82.1830, 104.5795

Complementary

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



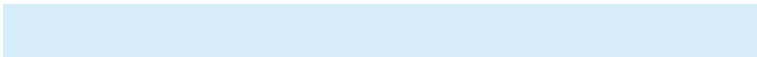
82.5740, 82.1830, 82.7450



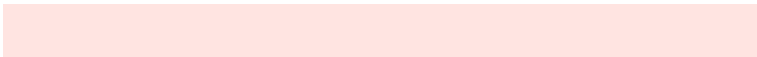
83.9109, 92.8459, 108.1062

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.



75.5557, 82.1830, 102.3110



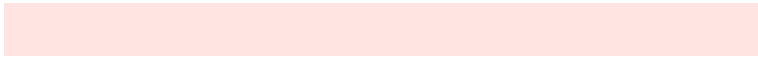
82.5740, 82.1830, 82.7450



73.2187, 82.1830, 89.2013

Square

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



82.5740, 82.1830, 82.7450



75.7228, 82.1830, 77.5185



73.8146, 82.1830, 96.5779



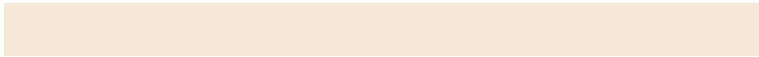
80.5519, 82.1830, 102.6200

Rectangle

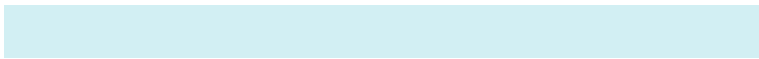
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



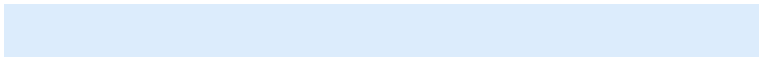
82.5740, 82.1830, 82.7450



79.0817, 82.1830, 76.1538



73.8146, 82.1830, 96.5779



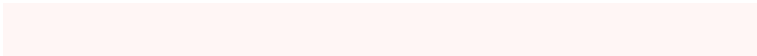
77.1512, 82.1830, 104.2840

Sweetspot

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



82.5759, 82.1864, 82.7467



90.5924, 93.6434, 99.5265



85.7364, 82.1396, 103.4313



19.2164, 19.7951, 20.9374



0.0000, 0.0000, 0.0000



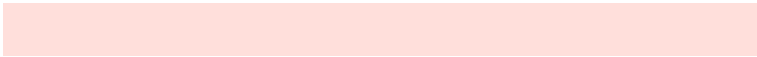
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5759, 82.1864, 82.7467



80.4201, 79.0990, 78.2541



86.8816, 90.7979, 84.1820



18.1557, 18.2796, 18.7157



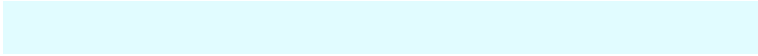
21.7843, 11.5798, 1.0870



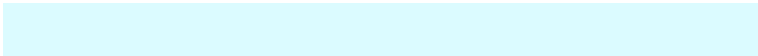
2.1674, 1.2202, 0.1213

Inverse Universe

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



83.9109, 92.8459, 108.1062



81.9838, 91.5866, 107.9647



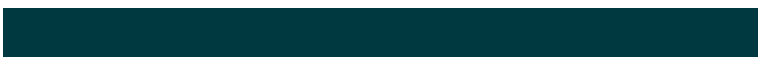
79.3863, 83.7968, 106.5980



18.3903, 20.1521, 23.1704



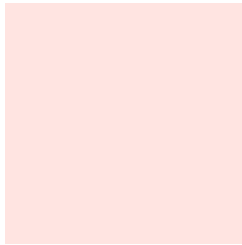
24.2024, 33.3144, 54.5893



2.3996, 3.3299, 5.3295

Previews

White Background



This preview shows how the XYZ color 82.5740, 82.1830, 82.7450 looks on a white background.

Color Contrast Check

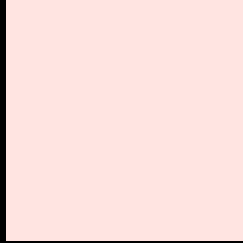
Large Text (above 18pt) WCAG AA × Fail

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 82.5740, 82.1830, 82.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

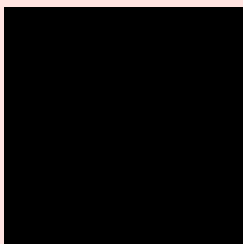
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5740, 82.1830, 82.7450

Background



This preview shows how black text looks on a background with the XYZ color 82.5740, 82.1830, 82.7450.



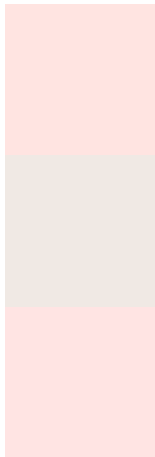
This preview shows how white text looks on a background with the XYZ color 82.5740, 82.1830,

82.7450.

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

82.5740, 82.1830, 82.7450

Protanopia

79.0777, 82.4045, 85.1366

Deuteranopia

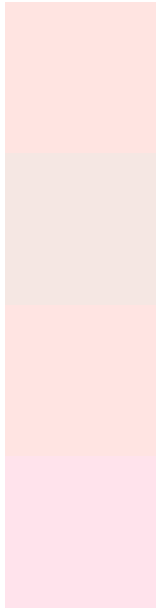
82.8485, 82.2929, 84.1906



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.5740, 82.1830, 82.7450

Protanomaly

80.0972, 82.1104, 84.3004

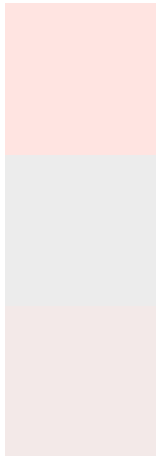
Deuteranomaly

82.7109, 82.2378, 83.4657

Tritanomaly

83.8494, 82.2543, 90.8142

Monochromacy



Original Color

82.5740, 82.1830, 82.7450

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6665, 83.1587, 88.1436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5740, 82.1830, 82.7450 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, 228, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 225)  
}
```

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, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 225) }
```

Border

The CSS property to change the border of an element to XYZ 82.5740, 82.1830, 82.7450 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, 228, 225) }
```


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

```
.border{ border-color:rgb(255, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5740, 82.1830, 82.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 225) }
```

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

```
.background{ background-color: rgb(255,  
228, 225) }
```

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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