

Converting Colors

XYZ(135.2325, 110.6700,
87.6837)

Have a look what the booklet for
XYZ(135.2325, 110.6700, 87.6837)
contains.

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Color

**XYZ(83.8195, 84.0133,
85.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7E4
RGB	255, 231, 228
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0941, 0.1059
CMYK	0.00, 0.09, 0.11, 0.00
HSL	7°, 100%, 95%
HSV	7°, 11%, 100%
XYZ	83.8195, 84.0133, 85.1972
YIQ	237.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

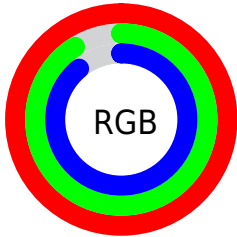
Format	Color
R _Y B	255, 231, 228
Decimal	16771044
CIE Lab	93.46, 7.69, 4.42
CIE LCh	93, 8.868, 29.900
Yxy	84.0133, 0.3313, 0.3320
Android (android.graphics.Color)	4294961124 (0xFFFE7E4)
YUV	237.8340, -4.8482, 15.0546
Hunter-Lab	91.6588, 2.8306, 9.0508

Details

The XYZ color **83.8195, 84.0133, 85.1972** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8544, 93.3322, 108.1504**, and the grayscale version is **81.1694, 85.3966, 92.9969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1615, 45.6828, 45.9199** is the 20% darker color. If you saturate the color by 10%, you get **74.6000, 70.8278, 65.9283**, and if you desaturate by 10%, it is **94.3863, 99.0572, 107.4933**.

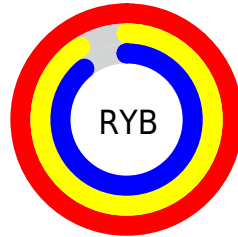
Distribution



Red (100%)

Green (91%)

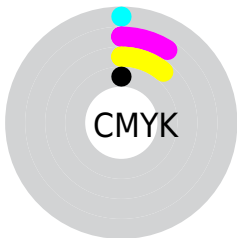
Blue (89%)



Red (100%)

Yellow (91%)

Blue (89%)

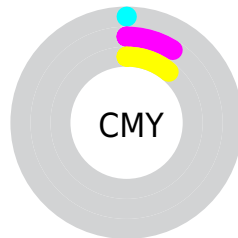


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8195, 84.0133, 85.1972 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 83.8195, 84.0133, 85.1972 by changing the saturation by 10% instead.

 83.8195, 84.0133,
85.1972

 83.8195, 84.0133,
85.1972

496.2564,
508.3574, 532.4420

 63.1856, 63.0264,
63.4532


137.6452,
138.9938, 142.5253

 46.2506, 45.8626,
45.7646


171.5678,
173.7562, 178.9465

 32.6491, 32.1374,
31.7128


210.6506,
213.8792, 221.0972

 22.0157, 21.4665,
20.8792

255.2591,
259.7472, 269.3959

 13.9851, 13.4654,
12.8454

305.7585,
311.7447, 324.2612

 8.1919, 7.7498,
7.1927

362.5143,

 4.2708, 3.9353,

370.2559, 386.1116

3.5026

425.8918,
435.6654, 455.3657

■ 1.8565, 1.6374,
1.3567

■ 0.5513, 0.3826,
0.1076

■ 83.8195, 84.0133,
85.1972

■ 83.8195, 84.0133,
85.1972

■ 74.6000, 70.8278,
65.9283

94.3863, 99.0572,
107.4933

■ 66.6679, 59.4183,
49.5509

95.0500, 100.0000,
108.9000

■ 59.9674, 49.7121,
35.9270

■ 54.4364, 41.6272,
24.9050

■ 50.0072, 35.0750,
16.3188

■ 46.6052, 29.9584,
9.9831

■ 44.1464, 26.1688,
5.6859

■ 42.5331, 23.5823,
3.1743

■ 41.6643, 22.1086,
2.0714

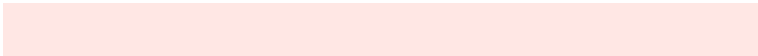
Harmonies

Analogous

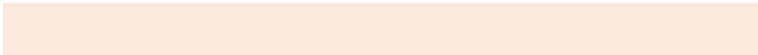
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4401, 84.0133, 91.4986



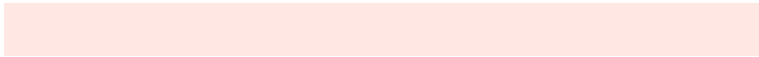
83.8195, 84.0133, 85.1972



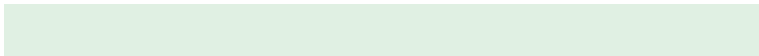
82.1316, 84.0133, 80.7669

Triad

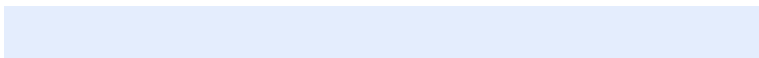
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8195, 84.0133, 85.1972



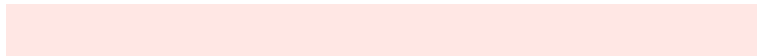
76.0195, 84.0133, 85.1602



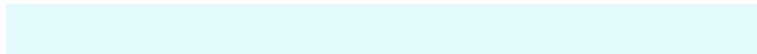
79.8443, 84.0133, 104.9873

Complementary

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



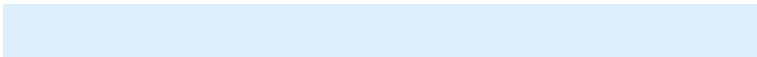
83.8195, 84.0133, 85.1972



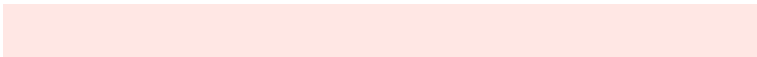
84.8544, 93.3322, 108.1504

Split Complementary

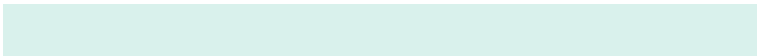
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6152, 84.0133, 103.0926



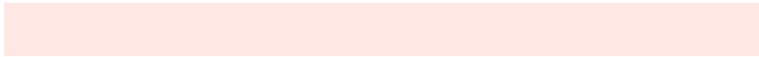
83.8195, 84.0133, 85.1972



75.4335, 84.0133, 91.4538

Square

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



83.8195, 84.0133, 85.1972



77.6285, 84.0133, 80.7463



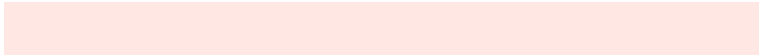
76.0120, 84.0133, 98.0564



82.1178, 84.0133, 103.1169

Rectangle

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



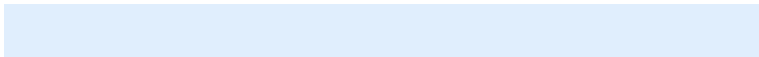
83.8195, 84.0133, 85.1972



80.6443, 84.0133, 79.3587



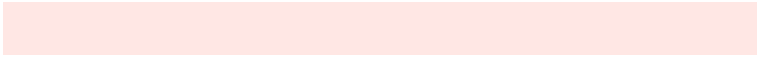
76.0120, 84.0133, 98.0564



79.0651, 84.0133, 104.7684

Sweetspot

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



83.8215, 84.0168, 85.1990



91.7119, 95.2557, 101.8316



86.6022, 83.7950, 103.9547



19.4437, 20.1235, 21.4020



0.0000, 0.0000, 0.0000



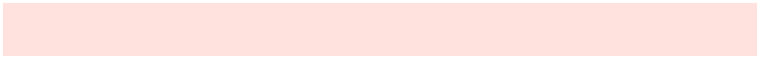
20.3446, 21.4041, 23.3091

Same Dimension

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



83.8215, 84.0168, 85.1990



81.4759, 80.6683, 80.2782



87.6549, 91.6837, 86.4768



18.1721, 18.3123, 18.7212



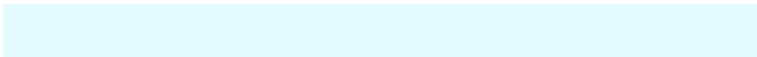
21.8222, 11.6556, 1.0996



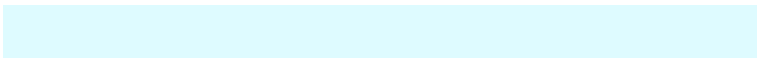
2.1751, 1.2356, 0.1239

Inverse Universe

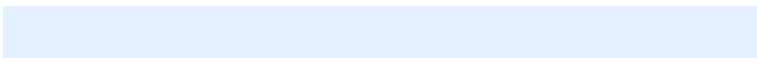
The Inverse Universe completely reimagines the original color for something new.



84.8544, 93.3322, 108.1504



82.7226, 91.9147, 107.9891



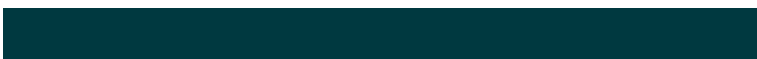
80.8537, 85.3308, 106.8168



18.3721, 20.1157, 23.1644



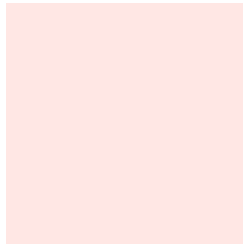
23.7999, 32.5095, 54.4551



2.3645, 3.2596, 5.3178

Previews

White Background



This preview shows how the XYZ color 83.8195, 84.0133, 85.1972 looks on a white background.

Color Contrast Check

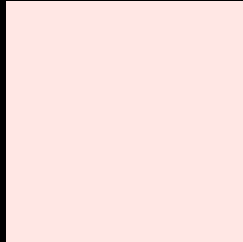
Large Text (above 18pt) WCAG AA × Fail

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 83.8195, 84.0133, 85.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

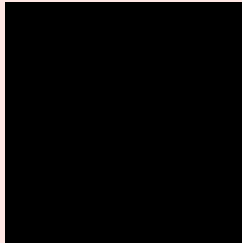
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

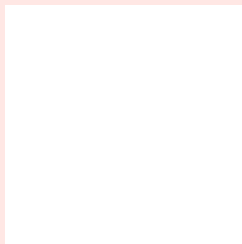
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8195, 84.0133, 85.1972

Background



This preview shows how black text looks on a background with the XYZ color 83.8195, 84.0133, 85.1972.



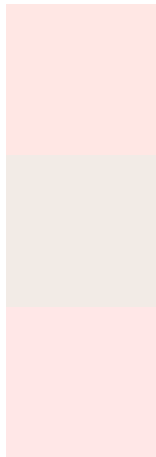
This preview shows how white text looks on a background with the XYZ color 83.8195, 84.0133,

85.1972.

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

83.8195, 84.0133, 85.1972

Protanopia

80.6092, 84.0071, 86.8293

Deuteranopia

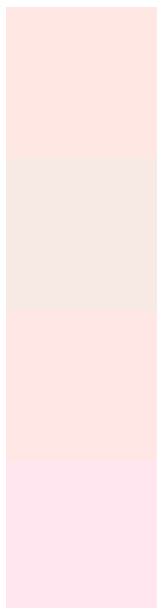
84.2397, 84.1813, 87.4100



Tritanopia

85.7407, 83.8912, 98.0598

Trichromacy



Original Color

83.8195, 84.0133, 85.1972

Protanomaly

81.9234, 84.2769, 86.0780

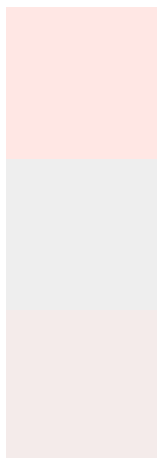
Deuteranomaly

84.0988, 84.1250, 86.6682

Tritanomaly

85.1168, 84.0856, 93.4054

Monochromacy



Original Color

83.8195, 84.0133, 85.1972

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8678, 84.5903, 89.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8195, 84.0133, 85.1972 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, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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(255, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 228) }
```

Border

The CSS property to change the border of an element to XYZ 83.8195, 84.0133, 85.1972 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, 231, 228) }
```


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

```
.border{ border-color:rgb(255, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 231, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 231, 228); box-shadow:4px 4px 4px 4px rgb(255, 231, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8195, 84.0133, 85.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 228) }
```

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

```
.background{ background-color: rgb(255,  
231, 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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