

Converting Colors

XYZ(91.5375, 88.0169, 84.2807)

Have a look what the booklet for
XYZ(91.5375, 88.0169, 84.2807)
contains.

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Color

**XYZ(83.5434, 83.9028,
83.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7E2
RGB	255, 231, 226
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0941, 0.1137
CMYK	0.00, 0.09, 0.11, 0.00
HSL	10°, 100%, 94%
HSV	10°, 11%, 100%
XYZ	83.5434, 83.9028, 83.7432
YIQ	237.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 232, 226
Decimal	16771042
CIE Lab	93.41, 7.37, 5.39
CIE LCh	93, 9.130, 36.201
Yxy	83.9028, 0.3326, 0.3340
Android (android.graphics.Color)	4294961122 (0xFFFE7E2)
YUV	237.6060, -5.7218, 15.2545
Hunter-Lab	91.5985, 2.5056, 9.9135

Details

The XYZ color **83.5434, 83.9028, 83.7432** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5988, 91.7575, 107.9126**, and the grayscale version is **80.9994, 85.2176, 92.8020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9694, 45.6060, 44.9081** is the 20% darker color. If you saturate the color by 10%, you get **74.7476, 71.5008, 64.8129**, and if you desaturate by 10%, it is **93.5753, 97.9438, 105.6551**.

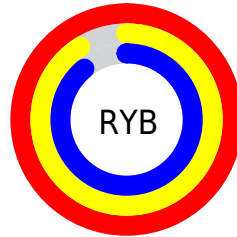
Distribution



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 83.5434, 83.9028, 83.7432 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 83.5434, 83.9028, 83.7432 by changing the saturation by 10% instead.


 83.5434, 83.9028,
83.7432

 83.5434, 83.9028,
83.7432


495.3523,
507.9904, 527.4958

 62.9570, 62.9352,
62.2593


137.2609,
138.8392, 140.4744

 46.0649, 45.7888,
44.8051


171.1226,
173.5768, 176.5588

 32.5019, 32.0792,
30.9621


210.1401,
213.6731, 218.3471

 21.9025, 21.4220,
20.3118

254.6788,
259.5127, 266.2578

 13.9015, 13.4328,
12.4356

305.1040,
311.4798, 320.7095

 8.1334, 7.7272,
6.9149

361.7811,

 4.2330, 3.9209,

369.9588, 382.1207

3.3313

425.0754,
435.3342, 450.9100

■ 1.8348, 1.6294,
1.2662

■ 0.5385, 0.3773,
0.0338

■ 83.5434, 83.9028,
83.7432

■ 83.5434, 83.9028,
83.7432

■ 74.7476, 71.5008,
64.8129

■ 93.5753, 97.9438,
105.6551

■ 67.1342, 60.6676,
48.7300

95.0500, 100.0000,
108.9000

■ 60.6537, 51.3435,
35.3577

■ 55.2511, 43.4612,
24.5461

■ 50.8666, 36.9478,
16.1305

■ 47.4343, 31.7244,
9.9270

■ 44.8803, 27.7034,
5.7245

■ 43.1190, 24.7862,
3.2707

■ 42.1409, 23.0618,
2.2303

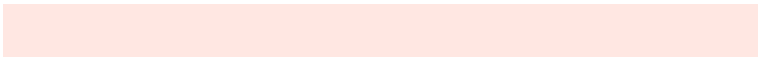
Harmonies

Analogous

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



84.4409, 83.9028, 89.9306



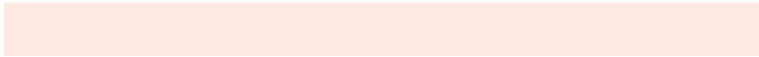
83.5434, 83.9028, 83.7432



81.6308, 83.9028, 79.7484

Triad

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



83.5434, 83.9028, 83.7432



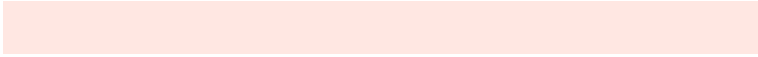
75.5838, 83.9028, 86.1069



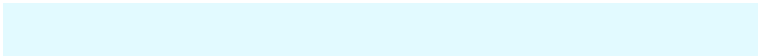
80.2484, 83.9028, 105.1880

Complementary

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



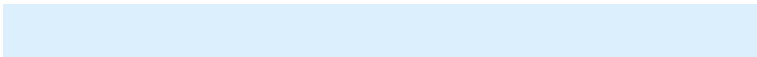
83.5434, 83.9028, 83.7432



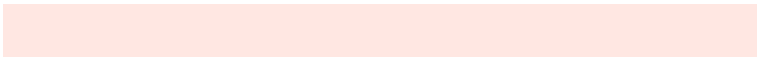
83.5988, 91.7575, 107.9126

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.



77.8926, 83.9028, 104.0383



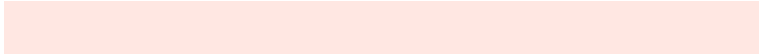
83.5434, 83.9028, 83.7432



75.2305, 83.9028, 92.7962

Square

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



83.5434, 83.9028, 83.7432



77.0427, 83.9028, 81.0643



76.0676, 83.9028, 99.4165



82.5141, 83.9028, 102.4836

Rectangle

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



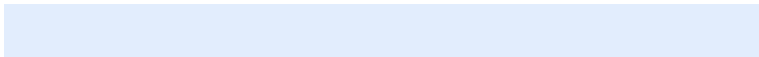
83.5434, 83.9028, 83.7432



80.0544, 83.9028, 78.7490



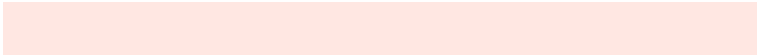
76.0676, 83.9028, 99.4165



79.4406, 83.9028, 105.2412

Sweetspot

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



83.5453, 83.9063, 83.7450



91.8564, 95.5447, 101.8797



85.7183, 82.5663, 101.9988



19.4825, 20.2011, 21.4149



0.0000, 0.0000, 0.0000



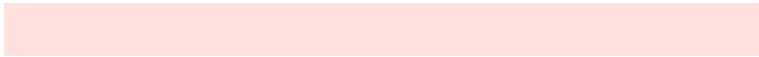
20.3446, 21.4041, 23.3091

Same Dimension

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



83.5453, 83.9063, 83.7450



81.1157, 80.4903, 78.4860



87.7212, 92.2581, 85.1369



18.2627, 18.4936, 18.7514



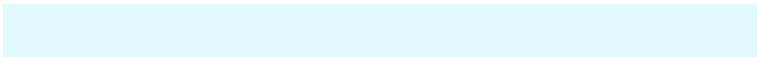
22.0928, 12.1968, 1.1898



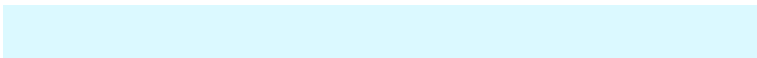
2.2178, 1.3210, 0.1381

Inverse Universe

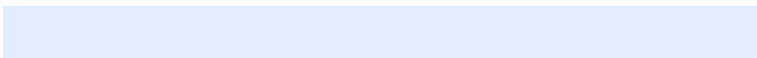
The Inverse Universe completely reimagines the original color for something new.



83.5988, 91.7575, 107.9126



81.1797, 89.9786, 107.6967



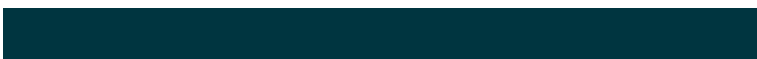
79.3145, 83.1888, 106.4845



18.2725, 19.9165, 23.1312



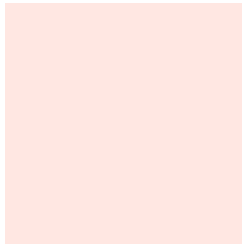
21.7003, 28.3101, 53.7553



2.1800, 2.8907, 5.2563

Previews

White Background



This preview shows how the XYZ color 83.5434, 83.9028, 83.7432 looks on a white background.

Color Contrast Check

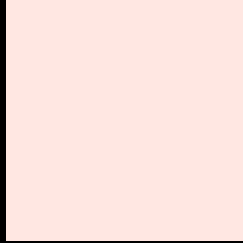
Large Text (above 18pt) WCAG AA × Fail

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 83.5434, 83.9028, 83.7432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

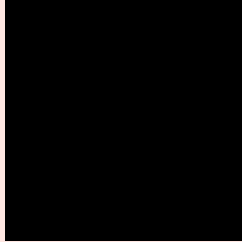
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

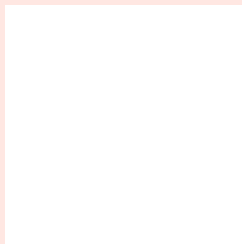
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.5434, 83.9028, 83.7432

Background



This preview shows how black text looks on a background with the XYZ color 83.5434, 83.9028, 83.7432.



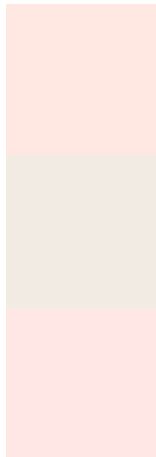
This preview shows how white text looks on a background with the XYZ color 83.5434, 83.9028,

83.7432.

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

83.5434, 83.9028, 83.7432

Protanopia

80.3299, 83.8953, 85.3584

Deuteranopia

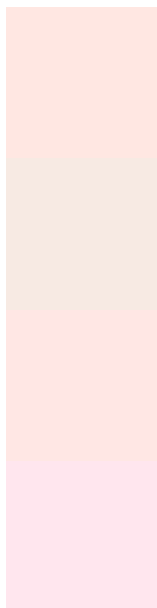
83.9588, 84.0690, 85.9306



Tritanopia

85.7407, 83.8912, 98.0598

Trichromacy



Original Color

83.5434, 83.9028, 83.7432

Protanomaly

81.6457, 84.1658, 84.6155

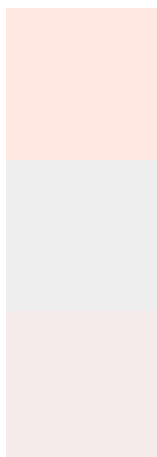
Deuteranomaly

83.8195, 84.0133, 85.1972

Tritanomaly

84.9694, 84.0267, 92.6293

Monochromacy



Original Color

83.5434, 83.9028, 83.7432

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 83.5434, 83.9028, 83.7432 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 226) }
```

Border

The CSS property to change the border of an element to XYZ 83.5434, 83.9028, 83.7432 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, 226) }
```


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

```
.border{ border-color:rgb(255, 231, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5434, 83.9028, 83.7432 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
231, 226) }
```

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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