

Converting Colors

XYZ(118.6537, 100.0000,
92.4138)

Have a look what the booklet for
XYZ(118.6537, 100.0000, 92.4138)
contains.

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Color

**XYZ(83.8494, 82.2543,
90.8142)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EC
RGB	255, 227, 236
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1098, 0.0745
CMYK	0.00, 0.11, 0.07, 0.00
HSL	341°, 100%, 95%
HSV	341°, 11%, 100%
XYZ	83.8494, 82.2543, 90.8142
YIQ	236.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 227, 236
Decimal	16770028
CIE _{Lab}	92.69, 11.06, -0.87
CIE _{LCh}	93, 11.095, 355.502
Yxy	82.2543, 0.3264, 0.3202
Android (android.graphics.Color)	4294960108 (0xFFFFE3EC)
YUV	236.3980, -0.1962, 16.3140
Hunter-Lab	90.6942, 6.3137, 4.1174

Details

The XYZ color **83.8494, 82.2543, 90.8142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0757, 94.5060, 101.0026**, and the grayscale version is **80.0295, 84.1973, 91.6908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2794, 44.8061, 49.3893** is the 20% darker color. If you saturate the color by 10%, you get **74.9909, 68.3681, 76.0519**, and if you desaturate by 10%, it is **93.9882, 98.3105, 107.2076**.

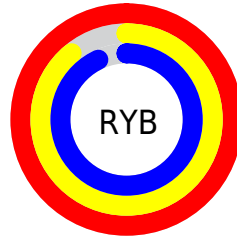
Distribution



Red (100%)

Green (89%)

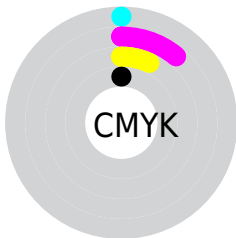
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

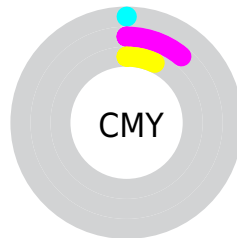


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8494, 82.2543, 90.8142 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 83.8494, 82.2543, 90.8142 by changing the saturation by 10% instead.

 83.8494, 82.2543,
90.8142

 83.8494, 82.2543,
90.8142


496.3542,
502.4979, 551.3142

 63.2104, 61.5752,
68.0786


137.6868,
136.5306, 150.4142

 46.2707, 44.6895,
49.4946


171.6160,
170.8965, 188.1158

 32.6650, 31.2129,
34.6436


210.7059,
210.5935, 231.6430

 22.0280, 20.7611,
23.1071

255.3219,
256.0059, 281.4145

 13.9942, 12.9495,
14.4666

305.8294,
307.5181, 337.8489

 8.1983, 7.3937,
8.3035

362.5937,

 4.2750, 3.7095,

365.5146, 401.3646

4.1992

425.9802,
430.3798, 472.3801

■ 1.8588, 1.5124,
1.7352

■ 0.5527, 0.2975,
0.3847

■ 83.8494, 82.2543,
90.8142

■ 83.8494, 82.2543,
90.8142

■ 74.9909, 68.3681,
76.0519

■ 93.9882, 98.3105,
107.2076

■ 67.3551, 56.5484,
62.8640

■ 95.0500, 100.0000,
108.9000

■ 60.8878, 46.6988,
51.1981

■ 55.5289, 38.7106,
40.9969

■ 51.2125, 32.4649,
32.1989

■ 47.8654, 27.8289,
24.7382

■ 45.4042, 24.6501,
18.5424

■ 43.7301, 22.7465,
13.5310

■ 42.7608, 21.8683,
9.9382

Harmonies

Analogous

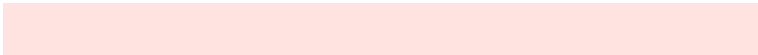
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8479, 82.2543, 98.8761



83.8494, 82.2543, 90.8142



83.3015, 82.2543, 82.8850

Triad

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



83.8494, 82.2543, 90.8142



75.8131, 82.2543, 75.9568



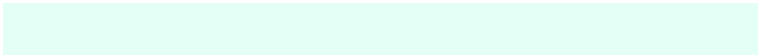
75.0763, 82.2543, 103.3214

Complementary

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



83.8494, 82.2543, 90.8142



84.0757, 94.5060, 101.0026

Split Complementary

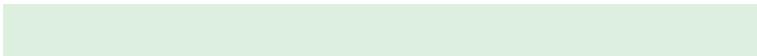
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2733, 82.2543, 96.5860



83.8494, 82.2543, 90.8142



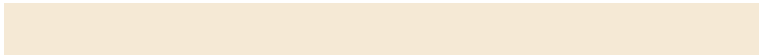
73.6913, 82.2543, 80.8500

Square

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



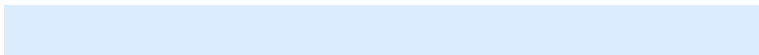
83.8494, 82.2543, 90.8142



78.6166, 82.2543, 74.6199



72.7726, 82.2543, 88.3193



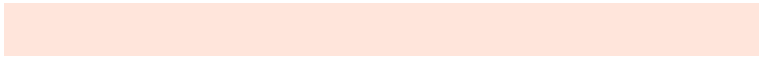
77.7455, 82.2543, 106.3741

Rectangle

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



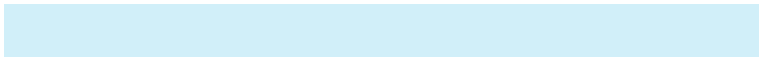
83.8494, 82.2543, 90.8142



82.1383, 82.2543, 78.6868



72.7726, 82.2543, 88.3193



74.3515, 82.2543, 101.3935

Sweetspot

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



83.8513, 82.2577, 90.8159



91.8332, 94.8859, 103.7596



83.4106, 81.6944, 105.9801



19.4764, 20.0242, 21.9202



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

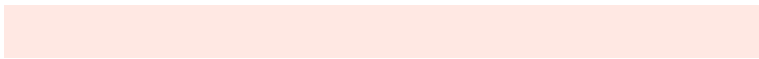
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8513, 82.2577, 90.8159



81.9584, 79.2777, 87.7010



83.8702, 84.3349, 84.5352



18.2499, 18.0833, 19.9332



22.4034, 11.4507, 5.5089



2.2288, 1.1339, 0.7861

Inverse Universe

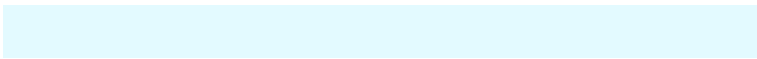
The Inverse Universe completely reimagines the original color for something new.



83.8513, 82.2577, 90.8159



81.9584, 79.2777, 87.7010



84.0200, 92.1311, 107.9625



18.2499, 18.0833, 19.9332



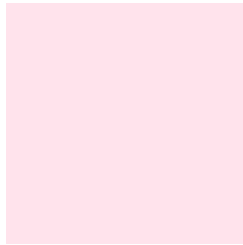
22.4034, 11.4507, 5.5089



2.2288, 1.1339, 0.7861

Previews

White Background



This preview shows how the XYZ color 83.8494, 82.2543, 90.8142 looks on a white background.

Color Contrast Check

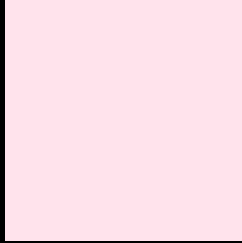
Large Text (above 18pt) WCAG AA × Fail

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 83.8494, 82.2543, 90.8142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

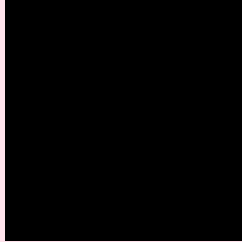
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.8494, 82.2543, 90.8142

Background



This preview shows how black text looks on a background with the XYZ color 83.8494, 82.2543, 90.8142.



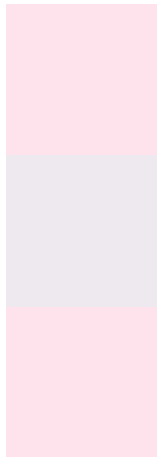
This preview shows how white text looks on a background with the XYZ color 83.8494, 82.2543,

90.8142.

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

83.8494, 82.2543, 90.8142

Protanopia

79.6440, 82.5143, 93.3905

Deuteranopia

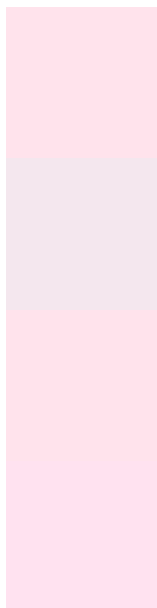
83.8494, 82.2543, 90.8142



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

83.8494, 82.2543, 90.8142

Protanomaly

81.3168, 82.5580, 92.5383

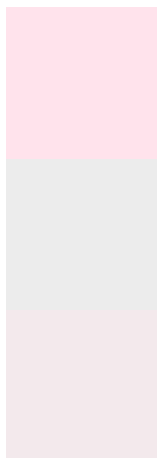
Deuteranomaly

83.8494, 82.2543, 90.8142

Tritanomaly

84.1645, 81.9440, 93.8189

Monochromacy



Original Color

83.8494, 82.2543, 90.8142

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.2414, 83.3886, 91.1706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8494, 82.2543, 90.8142 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, 227, 236) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 236)  
}
```

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, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 236) }
```

Border

The CSS property to change the border of an element to XYZ 83.8494, 82.2543, 90.8142 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, 227, 236) }
```


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

```
.border{ border-color:rgb(255, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8494, 82.2543, 90.8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 236) }
```

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

```
.background{ background-color: rgb(255,  
227, 236) }
```

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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