

Converting Colors

XYZ(117.8582, 100.0000,
91.3182)

Have a look what the booklet for
XYZ(117.8582, 100.0000, 91.3182)
contains.

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Color

**XYZ(83.7045, 82.1963,
90.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EB
RGB	255, 227, 235
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1098, 0.0784
CMYK	0.00, 0.11, 0.08, 0.00
HSL	343°, 100%, 95%
HSV	343°, 11%, 100%
XYZ	83.7045, 82.1963, 90.0510
YIQ	236.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

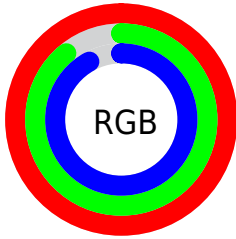
Format	Color
R _Y B	255, 227, 235
Decimal	16770027
CIE Lab	92.66, 10.89, -0.39
CIE LCh	93, 10.901, 357.975
Yxy	82.1963, 0.3270, 0.3211
Android (android.graphics.Color)	4294960107 (0xFFFFE3EB)
YUV	236.2840, -0.6330, 16.4139
Hunter-Lab	90.6622, 6.1426, 4.5732

Details

The XYZ color **83.7045, 82.1963, 90.0510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2296, 94.5675, 101.8132**, and the grayscale version is **79.9451, 84.1085, 91.5941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1779, 44.7655, 48.8546** is the 20% darker color. If you saturate the color by 10%, you get **74.7412, 68.2681, 74.7367**, and if you desaturate by 10%, it is **93.9739, 98.3048, 107.1327**.

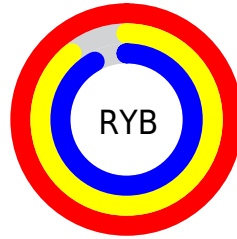
Distribution



Red (100%)

Green (89%)

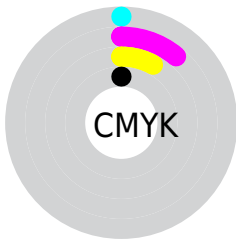
Blue (92%)



Red (100%)

Yellow (89%)

Blue (92%)

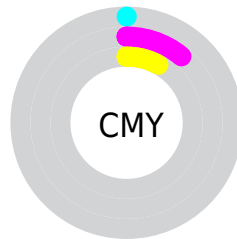


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7045, 82.1963, 90.0510 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 83.7045, 82.1963, 90.0510 by changing the saturation by 10% instead.


 83.7045, 82.1963,
90.0510

 83.7045, 82.1963,
90.0510


495.8799,
502.3041, 548.7711

 63.0904, 61.5274,
67.4490


137.4851,
136.4492, 149.3454

 46.1733, 44.6509,
48.9857


171.3824,
170.8020, 186.8748

 32.5878, 31.1825,
34.2426


210.4380,
210.4849, 230.2172

 21.9685, 20.7379,
22.8012

255.0174,
255.8822, 279.7909

 13.9503, 12.9325,
14.2429

305.4860,
307.3784, 336.0147

 8.1676, 7.3821,
8.1491

362.2090,

 4.2551, 3.7022,

365.3578, 399.3069

4.1014

425.5519,
430.2049, 470.0862

■ 1.8474, 1.5084,
1.6811

■ 0.5460, 0.2946,
0.3477

■ 83.7045, 82.1963,
90.0510

■ 83.7045, 82.1963,
90.0510

■ 74.7412, 68.2681,
74.7367

93.9739, 98.3048,
107.1327

■ 67.0252, 56.4165,
61.1271

95.0500, 100.0000,
108.9000

■ 60.5013, 46.5441,
49.1630

■ 55.1079, 38.5422,
38.7800

■ 50.7777, 32.2909,
29.9091

■ 47.4358, 27.6570,
22.4758

■ 44.9972, 24.4873,
16.3988

■ 43.3609, 22.5988,
11.5868

■ 42.4370, 21.7388,
8.2336

Harmonies

Analogous

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



82.8418, 82.1963, 98.0406



83.7045, 82.1963, 90.0510



83.0424, 82.1963, 82.3676

Triad

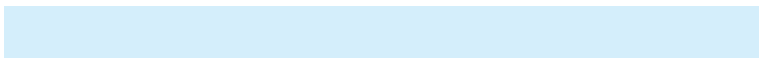
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.7045, 82.1963, 90.0510



75.5941, 82.1963, 76.3974



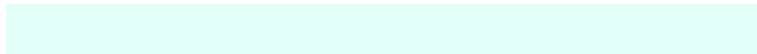
75.2679, 82.1963, 103.4071

Complementary

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



83.7045, 82.1963, 90.0510



84.2296, 94.5675, 101.8132

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.



73.4059, 82.1963, 97.0280



83.7045, 82.1963, 90.0510



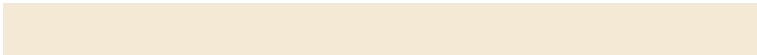
73.5909, 82.1963, 81.4662

Square

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



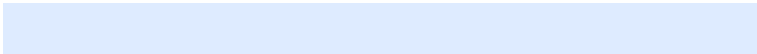
83.7045, 82.1963, 90.0510



78.3180, 82.1963, 74.7751



72.7993, 82.1963, 88.9469



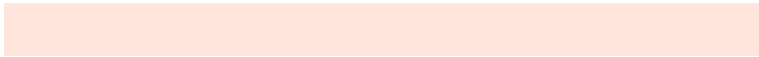
77.9325, 82.1963, 106.0363

Rectangle

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



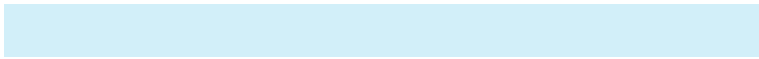
83.7045, 82.1963, 90.0510



81.8342, 82.1963, 78.3868



72.7993, 82.1963, 88.9469



74.5298, 82.1963, 101.6120

Sweetspot

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



83.7063, 82.1997, 90.0527



91.7904, 94.8688, 103.5343



83.7382, 81.8632, 105.9955



19.4648, 20.0196, 21.8596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

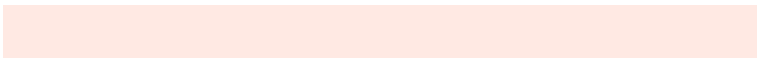
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7063, 82.1997, 90.0527



81.7903, 79.2104, 86.8155



84.1331, 84.8607, 84.6228



18.2227, 18.0724, 19.7897



22.2294, 11.3811, 4.5925



2.2090, 1.1260, 0.6821

Inverse Universe

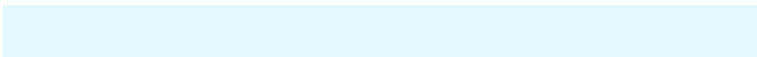
The Inverse Universe completely reimagines the original color for something new.



83.7063, 82.1997, 90.0527



81.7903, 79.2104, 86.8155



83.7302, 91.5515, 107.8659



18.2227, 18.0724, 19.7897



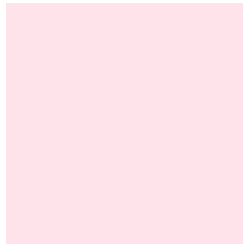
22.2294, 11.3811, 4.5925



2.2090, 1.1260, 0.6821

Previews

White Background



This preview shows how the XYZ color 83.7045, 82.1963, 90.0510 looks on a white background.

Color Contrast Check

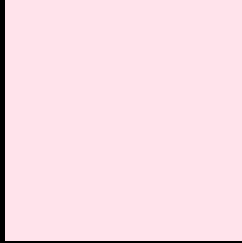
Large Text (above 18pt) WCAG AA × Fail

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 83.7045, 82.1963, 90.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

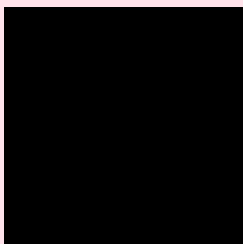
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7045, 82.1963, 90.0510

Background



This preview shows how black text looks on a background with the XYZ color 83.7045, 82.1963, 90.0510.

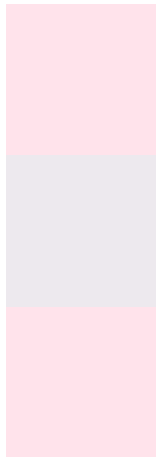


This preview shows how white text looks on a background with the XYZ color 83.7045, 82.1963,

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

83.7045, 82.1963, 90.0510

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

83.7045, 82.1963, 90.0510



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

83.7045, 82.1963, 90.0510

Protanomaly

81.1702, 82.4993, 91.7666

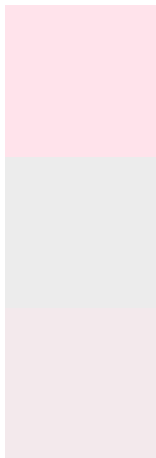
Deuteranomaly

83.7045, 82.1963, 90.0510

Tritanomaly

84.1645, 81.9440, 93.8189

Monochromacy



Original Color

83.7045, 82.1963, 90.0510

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 83.7045, 82.1963, 90.0510 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 83.7045, 82.1963, 90.0510 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, 235) }
```


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

```
.border{ border-color:rgb(255, 227, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7045, 82.1963, 90.0510 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
227, 235) }
```

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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