

Converting Colors

XYZ(83.6091, 82.1370, 89.6144)

Have a look what the booklet for
XYZ(83.6091, 82.1370, 89.6144)
contains.

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Color

**XYZ(83.5604, 82.1387,
89.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EA
RGB	255, 227, 234
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1098, 0.0823
CMYK	0.00, 0.11, 0.08, 0.00
HSL	345°, 100%, 95%
HSV	345°, 11%, 100%
XYZ	83.5604, 82.1387, 89.2921
YIQ	236.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

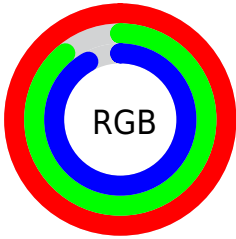
Format	Color
R _Y B	255, 227, 234
Decimal	16770026
CIE Lab	92.64, 10.73, 0.10
CIE LCh	93, 10.729, 0.533
Yxy	82.1387, 0.3277, 0.3221
Android (android.graphics.Color)	4294960106 (0xFFFFE3EA)
YUV	236.1700, -1.0698, 16.5139
Hunter-Lab	90.6304, 5.9722, 5.0268

Details

The XYZ color **83.5604, 82.1387, 89.2921** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3844, 94.6295, 102.6284**, and the grayscale version is **79.8609, 84.0198, 91.4976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0771, 44.7252, 48.3238** is the 20% darker color. If you saturate the color by 10%, you get **74.4943, 68.1694, 73.4367**, and if you desaturate by 10%, it is **93.9598, 98.2992, 107.0579**.

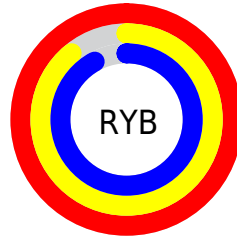
Distribution



Red (100%)

Green (89%)

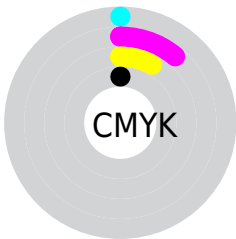
Blue (92%)



Red (100%)

Yellow (89%)

Blue (92%)

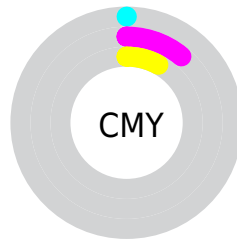


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (11%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5604, 82.1387, 89.2921 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 83.5604, 82.1387, 89.2921 by changing the saturation by 10% instead.


 83.5604, 82.1387,
89.2921

 83.5604, 82.1387,
89.2921


495.4080,
502.1115, 546.2360

 62.9710, 61.4799,
66.8233

137.2845,
136.3685, 148.2816

 46.0763, 44.6126,
48.4803


171.1500,
170.7082, 185.6394

 32.5109, 31.1524,
33.8447


210.1716,
210.3771, 228.7972

 21.9095, 20.7149,
22.4979

254.7145,
255.7594, 278.1736

 13.9066, 12.9158,
14.0214

305.1443,
307.2396, 334.1871

 8.1370, 7.3706,
7.9967

361.8263,

 4.2353, 3.6949,

365.2021, 397.2563

4.0051

425.1257,
430.0313, 467.7998

■ 1.8361, 1.5044,
1.6281

■ 0.5393, 0.2918,
0.3108

■ 83.5604, 82.1387,
89.2921

■ 83.5604, 82.1387,
89.2921

■ 74.4943, 68.1694,
73.4367

■ 93.9598, 98.2992,
107.0579

■ 66.7014, 56.2870,
59.4220

■ 95.0500, 100.0000,
108.9000

■ 60.1251, 46.3937,
47.1817

■ 54.7022, 38.3799,
36.6432

■ 50.3637, 32.1254,
27.7290

■ 47.0331, 27.4959,
20.3552

■ 44.6232, 24.3377,
14.4296

■ 43.0309, 22.4668,
9.8491

■ 42.1575, 21.6270,
6.7617

Harmonies

Analogous

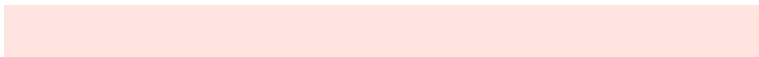
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8364, 82.1387, 97.2103



83.5604, 82.1387, 89.2921



82.7844, 82.1387, 81.8521

Triad

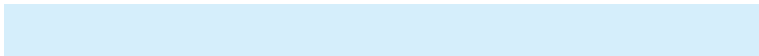
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5604, 82.1387, 89.2921



75.3757, 82.1387, 76.8397



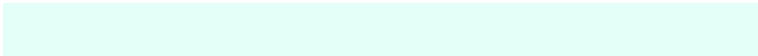
75.4602, 82.1387, 103.4943

Complementary

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



83.5604, 82.1387, 89.2921



84.3844, 94.6295, 102.6284

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.



73.5388, 82.1387, 97.4725



83.5604, 82.1387, 89.2921



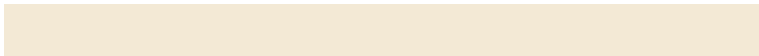
73.4908, 82.1387, 82.0859

Square

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



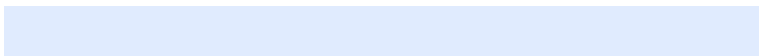
83.5604, 82.1387, 89.2921



78.0204, 82.1387, 74.9303



72.8262, 82.1387, 89.5782



78.1203, 82.1387, 105.7004

Rectangle

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



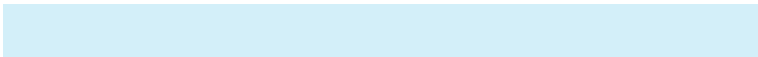
83.5604, 82.1387, 89.2921



81.5313, 82.1387, 78.0873



72.8262, 82.1387, 89.5782



74.7088, 82.1387, 101.8322

Sweetspot

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



83.5622, 82.1421, 89.2938



91.7476, 94.8517, 103.3093



84.2327, 82.1182, 106.0186



19.4533, 20.0150, 21.7990



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

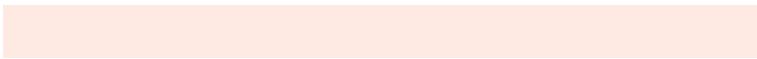
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5622, 82.1421, 89.2938



81.6232, 79.1436, 85.9358



84.5301, 85.6546, 84.7552



18.1955, 18.0615, 19.6469



22.0780, 11.3205, 3.7953



2.1911, 1.1188, 0.5880

Inverse Universe

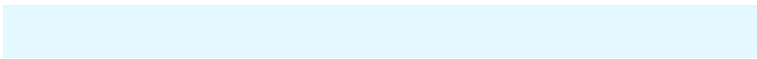
The Inverse Universe completely reimagines the original color for something new.



83.5622, 82.1421, 89.2938



81.6232, 79.1436, 85.9358



83.2983, 90.6876, 107.7219



18.1955, 18.0615, 19.6469



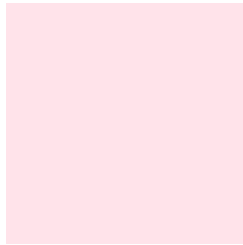
22.0780, 11.3205, 3.7953



2.1911, 1.1188, 0.5880

Previews

White Background



This preview shows how the XYZ color 83.5604, 82.1387, 89.2921 looks on a white background.

Color Contrast Check

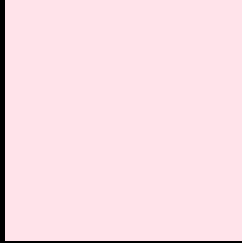
Large Text (above 18pt) WCAG AA × Fail

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 83.5604, 82.1387, 89.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

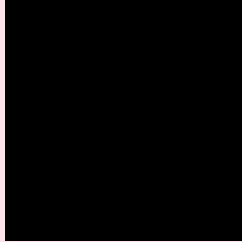
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5604, 82.1387, 89.2921

Background



This preview shows how black text looks on a background with the XYZ color 83.5604, 82.1387, 89.2921.



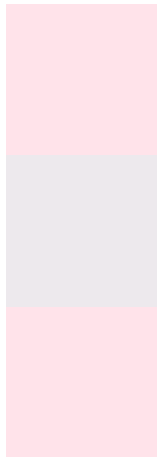
This preview shows how white text looks on a background with the XYZ color 83.5604, 82.1387,

89.2921.

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

83.5604, 82.1387, 89.2921

Protanopia

79.3500, 82.3968, 91.8427

Deuteranopia

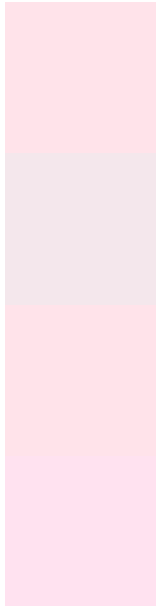
83.5604, 82.1387, 89.2921



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

83.5604, 82.1387, 89.2921

Protanomaly

81.0245, 82.4411, 90.9991

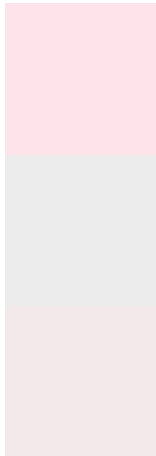
Deuteranomaly

83.5604, 82.1387, 89.2921

Tritanomaly

84.1645, 81.9440, 93.8189

Monochromacy



Original Color

83.5604, 82.1387, 89.2921

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.0965, 83.3307, 90.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5604, 82.1387, 89.2921 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 234) }
```

Border

The CSS property to change the border of an element to XYZ 83.5604, 82.1387, 89.2921 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, 234) }
```


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

```
.border{ border-color:rgb(255, 227, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5604, 82.1387, 89.2921 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
227, 234) }
```

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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