

Converting Colors

XYZ(83.4163, 80.9518, 92.0149)

Have a look what the booklet for
XYZ(83.4163, 80.9518, 92.0149)
contains.

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Color

**XYZ(83.3283, 80.7444,
92.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0EE
RGB	255, 224, 238
RGB Percent	100%, 88%, 93%
CMY	0.0000, 0.1215, 0.0667
CMYK	0.00, 0.12, 0.07, 0.00
HSL	333°, 100%, 94%
HSV	333°, 12%, 100%
XYZ	83.3283, 80.7444, 92.0823
YIQ	234.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

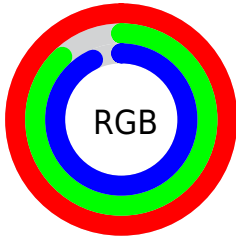
Format	Color
R_{YB}	255, 224, 238
Decimal	16769262
CIE _{Lab}	92.02, 12.95, -2.90
CIE _{LCh}	92, 13.269, 347.394
Yxy	80.7444, 0.3253, 0.3152
Android (android.graphics.Color)	4294959342 (0xFFFFE0EE)
YUV	234.8650, 1.5456, 17.6584
Hunter-Lab	89.8579, 8.2779, 2.1428

Details

The XYZ color **83.3283, 80.7444, 92.0823** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3802, 93.7194, 96.9704**, and the grayscale version is **78.8458, 82.9519, 90.3347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9202, 43.7591, 50.2821** is the 20% darker color. If you saturate the color by 10%, you get **75.0067, 67.2626, 79.5622**, and if you desaturate by 10%, it is **92.8409, 96.3521, 105.7891**.

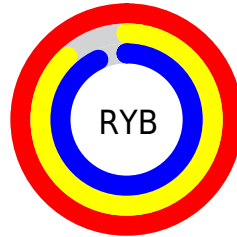
Distribution



Red (100%)

Green (88%)

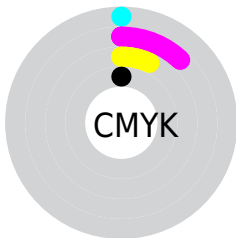
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

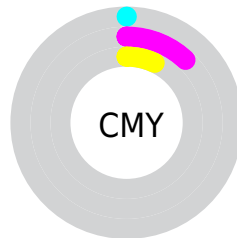


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3283, 80.7444, 92.0823 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 83.3283, 80.7444, 92.0823 by changing the saturation by 10% instead.


 83.3283, 80.7444,
92.0823

 83.3283, 80.7444,
92.0823


494.6474,
497.4380, 555.5254

 62.7789, 60.3311,
69.1256


136.9613,
134.4118, 152.1881

 45.9203, 43.6856,
50.3416

170.7756,
168.4347, 190.1743

 32.3873, 30.4234,
35.3118


209.7422,
207.7630, 234.0074

 21.8145, 20.1602,
23.6177

254.2265,
252.7809, 284.1060

 13.8365, 12.5115,
14.8407

304.5938,
303.8730, 340.8885

 8.0880, 7.0931,
8.5623

361.2094,

 4.2036, 3.5204,

361.4236, 404.7736

4.3639

424.4389,
425.8172, 476.1797

■ 1.8179, 1.4091,
1.8270

■ 0.5284, 0.2234,
0.4457

■ 83.3283, 80.7444,
92.0823

■ 83.3283, 80.7444,
92.0823

■ 75.0067, 67.2626,
79.5622

■ 92.8409, 96.3521,
105.7891

■ 67.8214, 55.8041,
68.1896

95.0500, 100.0000,
108.9000

■ 61.7216, 46.2728,
57.9302

■ 56.6500, 38.5604,
48.7457

■ 52.5441, 32.5483,
40.5955

■ 49.3338, 28.1033,
33.4353

■ 46.9391, 25.0721,
27.2167

■ 45.2638, 23.2700,
21.8848

■ 44.3430, 22.5012,
18.2700

Harmonies

Analogous

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



81.6766, 80.7444, 101.2616



83.3283, 80.7444, 92.0823



83.1785, 80.7444, 82.4181

Triad

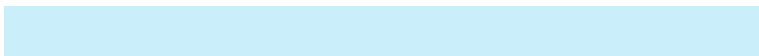
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3283, 80.7444, 92.0823



74.8003, 80.7444, 71.1759



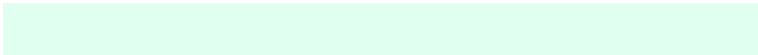
72.3884, 80.7444, 102.4863

Complementary

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



83.3283, 80.7444, 92.0823



82.3802, 93.7194, 96.9704

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.



70.6523, 80.7444, 93.6551



83.3283, 80.7444, 92.0823



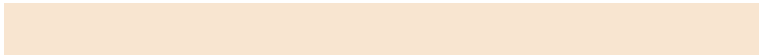
72.0162, 80.7444, 75.7994

Square

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



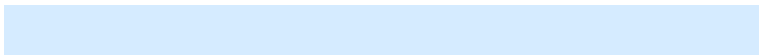
83.3283, 80.7444, 92.0823



78.1861, 80.7444, 70.8236



70.5182, 80.7444, 83.8791



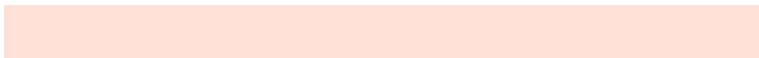
75.3220, 80.7444, 107.5605

Rectangle

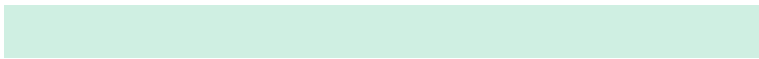
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



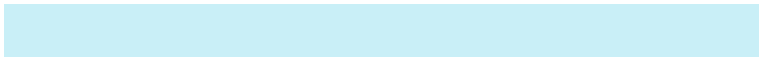
83.3283, 80.7444, 92.0823



82.0771, 80.7444, 76.9914



70.5182, 80.7444, 83.8791



71.6492, 80.7444, 99.8300

Sweetspot

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



83.3301, 80.7477, 92.0840



90.9942, 93.3088, 103.1693



80.8248, 79.1538, 105.6260



19.3180, 19.7110, 21.8564



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

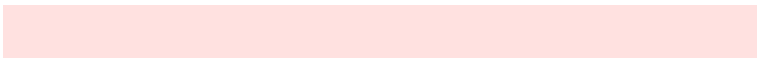
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3301, 80.7477, 92.0840



80.8429, 76.6987, 88.4019



81.6312, 80.5138, 81.7636



18.3504, 18.1235, 20.4622



23.2430, 11.7865, 9.9303



2.3173, 1.1693, 1.2522

Inverse Universe

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



83.3301, 80.7477, 92.0840



80.8429, 76.6987, 88.4019



84.2236, 93.9309, 108.2992



18.3504, 18.1235, 20.4622



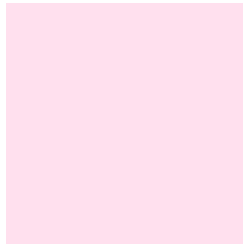
23.2430, 11.7865, 9.9303



2.3173, 1.1693, 1.2522

Previews

White Background



This preview shows how the XYZ color 83.3283, 80.7444, 92.0823 looks on a white background.

Color Contrast Check

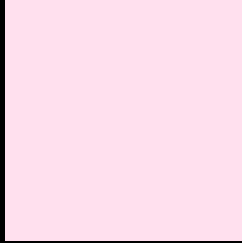
Large Text (above 18pt) WCAG AA × Fail

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 83.3283, 80.7444, 92.0823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

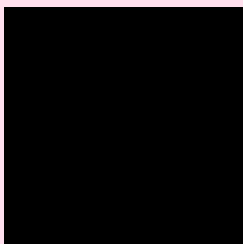
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3283, 80.7444, 92.0823

Background



This preview shows how black text looks on a background with the XYZ color 83.3283, 80.7444, 92.0823.



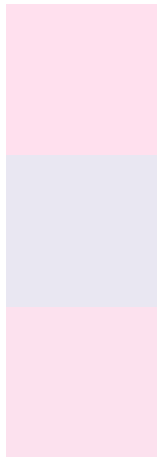
This preview shows how white text looks on a background with the XYZ color 83.3283, 80.7444,

92.0823.

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

83.3283, 80.7444, 92.0823

Protanopia

78.2072, 80.8863, 95.4951

Deuteranopia

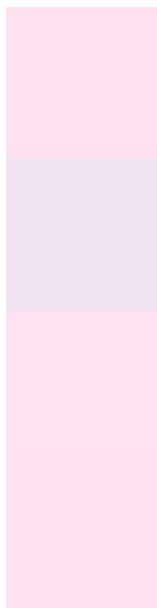
82.5027, 80.7189, 92.1209



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

83.3283, 80.7444, 92.0823

Protanomaly

79.8962, 80.5385, 94.5536

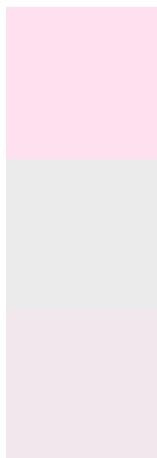
Deuteranomaly

82.8658, 80.9061, 92.1379

Tritanomaly

83.6238, 80.8626, 93.6387

Monochromacy



Original Color

83.3283, 80.7444, 92.0823

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3342, 82.0852, 90.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3283, 80.7444, 92.0823 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, 224, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 238)  
}
```

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, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.3283, 80.7444, 92.0823 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, 224, 238) }
```


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

```
.border{ border-color:rgb(255, 224, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3283, 80.7444, 92.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 238) }
```

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

```
.background{ background-color: rgb(255,  
224, 238) }
```

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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