

Converting Colors

XYZ(76.8045, 70.8408, 82.6472)

Have a look what the booklet for
XYZ(76.8045, 70.8408, 82.6472)
contains.

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Color

**XYZ(76.8095, 70.7595,
82.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	FECEE3
RGB	254, 206, 227
RGB Percent	100%, 81%, 89%
CMY	0.0039, 0.1921, 0.1098
CMYK	0.00, 0.19, 0.11, 0.00
HSL	334°, 96%, 90%
HSV	334°, 19%, 100%
XYZ	76.8095, 70.7595, 82.2827
YIQ	222.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

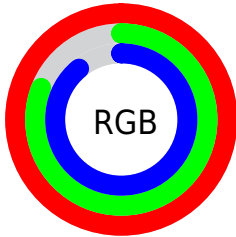
Format	Color
RYB	254, 206, 227
Decimal	16699107
CIELab	87.37, 20.17, -3.95
CIElCh	87, 20.556, 348.920
Yxy	70.7595, 0.3342, 0.3078
Android (android.graphics.Color)	4294889187 (0xFFFECEE3)
YUV	222.7460, 2.0972, 27.4098
Hunter-Lab	84.1187, 15.7823, 0.8871

Details

The XYZ color **76.8095, 70.7595, 82.2827** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6062, 89.8905, 90.4608**, and the grayscale version is **69.9355, 73.5775, 80.1259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7006, 37.3053, 44.0325** is the 20% darker color. If you saturate the color by 10%, you get **69.2911, 58.7482, 70.4471**, and if you desaturate by 10%, it is **85.4838, 84.8187, 95.3127**.

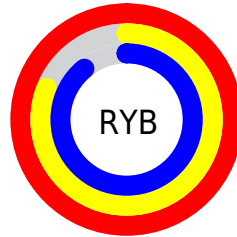
Distribution



Red (100%)

Green (81%)

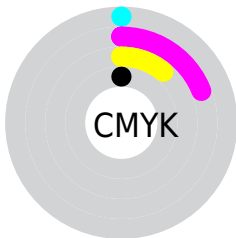
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

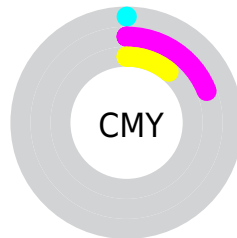


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8095, 70.7595, 82.2827 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 76.8095, 70.7595, 82.2827 by changing the saturation by 10% instead.


 76.8095, 70.7595,
82.2827

 76.8095, 70.7595,
82.2827


473.0162,
463.2123, 522.5011

 57.3959, 52.1460,
61.0614


127.8448,
120.2912, 138.4106

 41.5646, 37.1214,
43.8439


160.1972,
151.9782, 174.1543

 28.9501, 25.3015,
30.2115


197.5933,
188.7917, 215.5759

 19.1872, 16.3018,
19.7457

240.3984,
231.1163, 263.0939

 11.9104, 9.7380,
12.0281

288.9779,
279.3362, 317.1269

 6.7545, 5.2256,
6.6401

343.6971,

 3.3540, 2.3802,

333.8359, 378.0934

3.1630

404.9214,
394.9998, 446.4119

■ 1.3436, 0.8157,
1.1785

■ 0.2155, 0.0000,
0.0000

■ 76.8095, 70.7595,
82.2827

■ 76.8095, 70.7595,
82.2827

■ 69.2911, 58.7482,
70.4471

■ 85.4838, 84.8187,
95.3127

■ 62.8711, 48.6791,
59.7650

94.6835, 99.8110,
108.8828

■ 57.4961, 40.4510,
50.1989

■ 53.1058, 33.9500,
41.7078

■ 49.6331, 29.0491,
34.2473

■ 47.0020, 25.6039,
27.7688

■ 45.1230, 23.4431,
22.2183

■ 43.8671, 22.3172,
17.5271

■ 43.7489, 22.2212,
17.0547

Harmonies

Analogous

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



74.5182, 70.7595, 95.9239



76.8095, 70.7595, 82.2827



76.4502, 70.7595, 68.7203

Triad

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



76.8095, 70.7595, 82.2827



64.2815, 70.7595, 54.4782



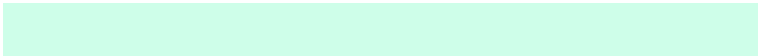
61.3217, 70.7595, 98.9378

Complementary

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



76.8095, 70.7595, 82.2827



75.6062, 89.8905, 90.4608

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.



58.8280, 70.7595, 86.0163



76.8095, 70.7595, 82.2827



60.4794, 70.7595, 60.8215

Square

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



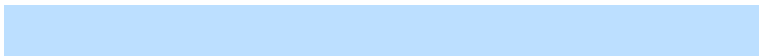
76.8095, 70.7595, 82.2827



69.0596, 70.7595, 53.7329



58.5272, 70.7595, 72.0346



65.4817, 70.7595, 106.2796

Rectangle

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



76.8095, 70.7595, 82.2827



74.7600, 70.7595, 61.4815



58.5272, 70.7595, 72.0346



60.2695, 70.7595, 95.0357

Sweetspot

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



76.8115, 70.7627, 82.2842



89.0068, 90.0817, 100.2017



73.3721, 68.5247, 103.1263



18.9160, 19.0603, 21.2504



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.



76.8115, 70.7627, 82.2842



74.2446, 66.1722, 77.9711



74.6697, 70.8374, 68.1338



18.3394, 18.1191, 20.4044



23.1358, 11.7436, 9.3656



2.3064, 1.1649, 1.1948

Inverse Universe

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



76.8115, 70.7627, 82.2842



74.2446, 66.1722, 77.9711



78.0302, 89.6492, 106.9583



18.3394, 18.1191, 20.4044



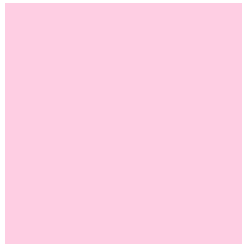
23.1358, 11.7436, 9.3656



2.3064, 1.1649, 1.1948

Previews

White Background



This preview shows how the XYZ color 76.8095, 70.7595, 82.2827 looks on a white background.

Color Contrast Check

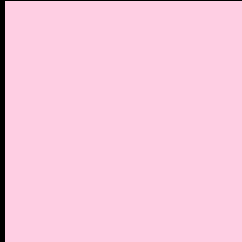
Large Text (above 18pt) WCAG AA × Fail

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 76.8095, 70.7595, 82.2827 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 76.8095, 70.7595, 82.2827

Background



This preview shows how black text looks on a background with the XYZ color 76.8095, 70.7595, 82.2827.



This preview shows how white text looks on a background with the XYZ color 76.8095, 70.7595,

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

76.8095, 70.7595, 82.2827

Protanopia

69.1361, 71.1434, 87.9301

Deuteranopia

72.1960, 70.5825, 81.7701



Tritanopia

76.1401, 70.8360, 79.4717

Trichromacy



Original Color

76.8095, 70.7595, 82.2827

Protanomaly

71.7491, 71.0185, 85.5277

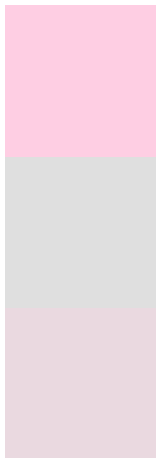
Deuteranomaly

73.7362, 70.6389, 81.6999

Tritanomaly

76.2754, 70.8901, 80.1840

Monochromacy



Original Color

76.8095, 70.7595, 82.2827

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1991, 72.5000, 80.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8095, 70.7595, 82.2827 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(254, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 227)  
}
```

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(254, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.8095, 70.7595, 82.2827 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(254, 206, 227) }
```


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

```
.border{ border-color:rgb(254, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8095, 70.7595, 82.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 227) }
```

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

```
.background{ background-color: rgb(254,  
206, 227) }
```

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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