

Converting Colors

XYZ(79.0919, 75.3365, 82.9252)

Have a look what the booklet for
XYZ(79.0919, 75.3365, 82.9252)
contains.

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Color

**XYZ(79.0386, 75.2178,
83.0257)**

Conversions

Conversions Part 1

Format	Color
Hex	FED7E3
RGB	254, 215, 227
RGB Percent	100%, 84%, 89%
CMY	0.0039, 0.1568, 0.1098
CMYK	0.00, 0.15, 0.11, 0.00
HSL	342°, 95%, 92%
HSV	342°, 15%, 100%
XYZ	79.0386, 75.2178, 83.0257
YIQ	228.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

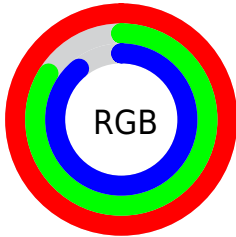
Format	Color
R_{YB}	254, 215, 227
Decimal	16701411
CIE Lab	89.49, 15.47, -0.83
CIE LCh	89, 15.489, 356.928
Yxy	75.2178, 0.3331, 0.3170
Android (android.graphics.Color)	4294891491 (0xFF FED7E3)
YUV	228.0290, -0.5073, 22.7766
Hunter-Lab	86.7282, 10.8993, 3.9509

Details

The XYZ color **79.0386, 75.2178, 83.0257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4961, 91.7434, 97.5272**, and the grayscale version is **73.7595, 77.6007, 84.5072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0432, 39.9905, 44.4800** is the 20% darker color. If you saturate the color by 10%, you get **70.7617, 62.3515, 68.8966**, and if you desaturate by 10%, it is **88.5718, 90.1981, 98.7986**.

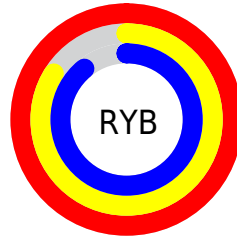
Distribution



Red (100%)

Green (84%)

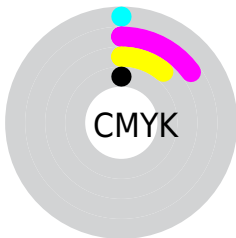
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

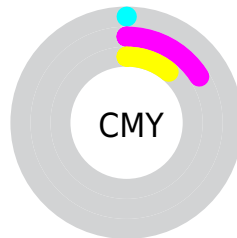


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0386, 75.2178, 83.0257 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 79.0386, 75.2178, 83.0257 by changing the saturation by 10% instead.


 79.0386, 75.2178,
83.0257

 79.0386, 75.2178,
83.0257


480.4729,
478.6658, 525.0454

 59.2333, 55.7913,
61.6706


130.9708,
126.6206, 139.4610

 43.0480, 40.0357,
44.3325


163.8285,
159.3658, 175.3783

 30.1175, 27.5663,
30.5929


201.7676,
197.3193, 216.9868

 20.0763, 17.9990,
20.0332

245.1536,
240.8655, 264.7050

 12.5591, 10.9493,
12.2349

294.3517,
290.3889, 318.9514

 7.2006, 6.0327,
6.7794

349.7274,

 3.6353, 2.8650,

346.2738, 380.1445

3.2482

411.6461,
408.9047, 448.7030

■ 1.4979, 1.0617,
1.2227

■ 0.3244, 0.0000,
0.0000

■ 79.0386, 75.2178,
83.0257

■ 79.0386, 75.2178,
83.0257

■ 70.7617, 62.3515,
68.8966

■ 88.5718, 90.1981,
98.7986

■ 63.6811, 51.4939,
56.3522

94.6834, 99.8110,
108.8828

■ 57.7415, 42.5455,
45.3366

■ 52.8802, 35.3945,
35.7886

■ 49.0287, 29.9174,
27.6426

■ 46.1099, 25.9748,
20.8276

■ 44.0347, 23.4043,
15.2652

■ 42.6947, 22.0061,
10.8665

■ 42.2533, 21.6230,
9.1795

Harmonies

Analogous

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



77.7909, 75.2178, 93.8559



79.0386, 75.2178, 83.0257



78.2058, 75.2178, 72.7844

Triad

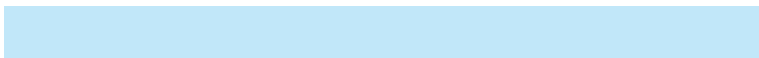
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0386, 75.2178, 83.0257



68.2344, 75.2178, 64.6251



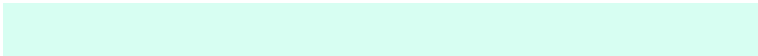
67.5792, 75.2178, 100.7140

Complementary

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



79.0386, 75.2178, 83.0257



79.4961, 91.7434, 97.5272

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.



65.1744, 75.2178, 91.7453



79.0386, 75.2178, 83.0257



65.5431, 75.2178, 71.0041

Square

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



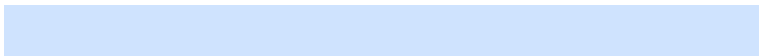
79.0386, 75.2178, 83.0257



71.8845, 75.2178, 62.7323



64.4422, 75.2178, 80.7833



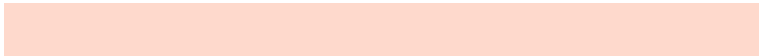
71.1015, 75.2178, 104.6199

Rectangle

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



79.0386, 75.2178, 83.0257



76.5985, 75.2178, 67.5459



64.4422, 75.2178, 80.7833



66.6182, 75.2178, 98.1545

Sweetspot

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



79.0407, 75.2211, 83.0273



89.7276, 91.5776, 100.2744



78.6904, 74.5757, 104.0139



19.0510, 19.3576, 21.2107



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

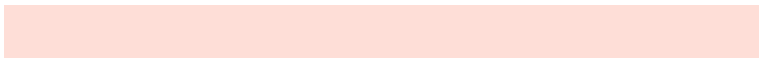
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0407, 75.2211, 83.0273



77.4139, 72.2496, 79.8326



79.3025, 78.3027, 75.2283



18.2394, 18.0791, 19.8780



22.3338, 11.4228, 5.1424



2.2210, 1.1308, 0.7450

Inverse Universe

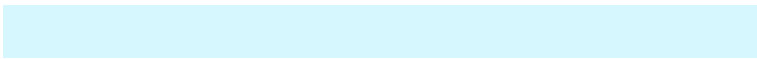
The Inverse Universe completely reimagines the original color for something new.



79.0407, 75.2211, 83.0273



77.4139, 72.2496, 79.8326



79.1312, 88.0348, 106.5885



18.2394, 18.0791, 19.8780



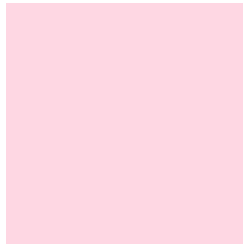
22.3338, 11.4228, 5.1424



2.2210, 1.1308, 0.7450

Previews

White Background



This preview shows how the XYZ color 79.0386, 75.2178, 83.0257 looks on a white background.

Color Contrast Check

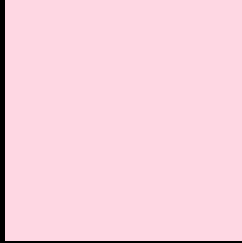
Large Text (above 18pt) WCAG AA × Fail

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 79.0386, 75.2178, 83.0257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

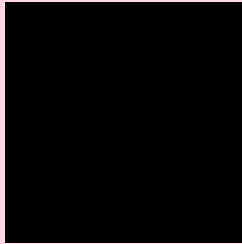
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0386, 75.2178, 83.0257

Background



This preview shows how black text looks on a background with the XYZ color 79.0386, 75.2178, 83.0257.

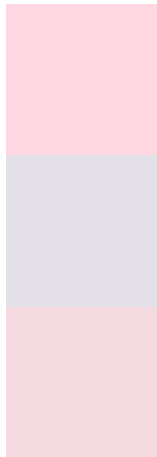


This preview shows how white text looks on a background with the XYZ color 79.0386, 75.2178,

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

79.0386, 75.2178, 83.0257

Protanopia

72.8997, 75.4684, 87.0686

Deuteranopia

76.8049, 75.2266, 82.4236



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

79.0386, 75.2178, 83.0257

Protanomaly

75.0644, 75.4306, 85.4662

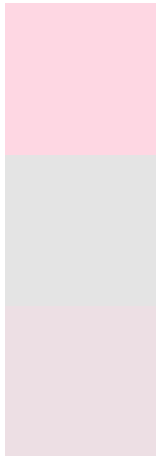
Deuteranomaly

77.6072, 75.2564, 82.3871

Tritanomaly

79.5695, 75.0663, 85.1584

Monochromacy



Original Color

79.0386, 75.2178, 83.0257

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3163, 76.3813, 84.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0386, 75.2178, 83.0257 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, 215, 227) looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 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, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.0386, 75.2178, 83.0257 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, 215, 227) }
```


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

```
.border{ border-color:rgb(254, 215, 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, 215, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0386, 75.2178, 83.0257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 227) }
```

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

```
.background{ background-color: rgb(254,  
215, 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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