

Converting Colors

XYZ(78.6091, 73.6987, 84.9457)

Have a look what the booklet for
XYZ(78.6091, 73.6987, 84.9457)
contains.

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Color

**XYZ(78.6995, 73.8710,
84.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	FED4E6
RGB	254, 212, 230
RGB Percent	100%, 83%, 90%
CMY	0.0039, 0.1686, 0.0980
CMYK	0.00, 0.17, 0.09, 0.00
HSL	334°, 95%, 91%
HSV	334°, 17%, 100%
XYZ	78.6995, 73.8710, 84.9735
YIQ	226.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

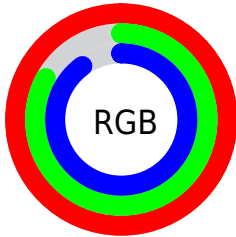
Format	Color
RYB	254, 212, 230
Decimal	16700646
CIELab	88.86, 17.52, -3.34
CIELCh	89, 17.840, 349.209
Yxy	73.8710, 0.3313, 0.3110
Android (android.graphics.Color)	4294890726 (0xFF FED4E6)
YUV	226.6100, 1.6713, 24.0210
Hunter-Lab	85.9482, 13.0362, 1.5462

Details

The XYZ color **78.6995, 73.8710, 84.9735** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7365, 90.9388, 92.8171**, and the grayscale version is **72.7107, 76.4974, 83.3056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8208, 39.0794, 45.8436** is the 20% darker color. If you saturate the color by 10%, you get **70.8886, 61.3760, 72.7280**, and if you desaturate by 10%, it is **87.6832, 88.4380, 98.4492**.

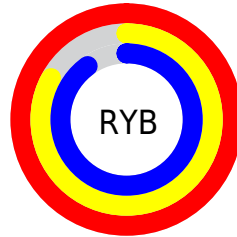
Distribution



Red (100%)

Green (83%)

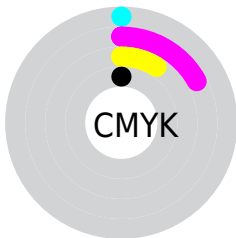
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

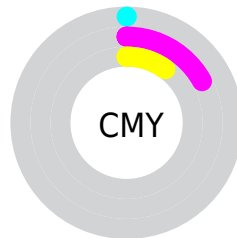


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6995, 73.8710, 84.9735 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 78.6995, 73.8710, 84.9735 by changing the saturation by 10% instead.


 78.6995, 73.8710,
84.9735

 78.6995, 73.8710,
84.9735


479.3427,
474.0280, 531.6827

 58.9535, 54.6885,
63.2695


130.4959,
124.7129, 142.2100

 42.8220, 39.1523,
45.6168


163.2770,
157.1411, 178.5795

 29.9394, 26.8783,
31.5971


201.1340,
194.7533, 220.6746

 19.9404, 17.4818,
20.7917

244.4320,
237.9339, 268.9138

 12.4597, 10.5786,
12.7820

293.5366,
287.0672, 323.7157

 7.1320, 5.7842,
7.1497

348.8130,

 3.5919, 2.7143,

342.5378, 385.4988

3.4760

410.6266,
404.7299, 454.6816

■ 1.4739, 0.9845,
1.3425

■ 0.3080, 0.0000,
0.0963

■ 78.6995, 73.8710,
84.9735

■ 78.6995, 73.8710,
84.9735

■ 70.8886, 61.3760,
72.7280

■ 87.6832, 88.4380,
98.4492

■ 64.1934, 50.8484,
61.6709

94.6835, 99.8111,
108.8828

■ 58.5616, 42.1892,
51.7644

■ 53.9337, 35.2868,
42.9668

■ 50.2443, 30.0177,
35.2332

■ 47.4196, 26.2419,
28.5151

■ 45.3734, 23.7957,
22.7585

■ 43.9992, 22.4742,
17.9010

■ 43.6253, 22.1718,
16.4037

Harmonies

Analogous

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



76.6964, 73.8710, 97.0120



78.6995, 73.8710, 84.9735



78.3592, 73.8710, 72.8507

Triad

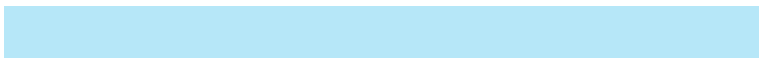
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6995, 73.8710, 84.9735



67.5122, 73.8710, 59.9790



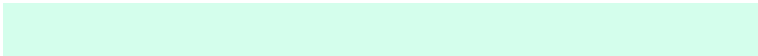
64.9197, 73.8710, 99.8394

Complementary

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



78.6995, 73.8710, 84.9735



77.7365, 90.9388, 92.8171

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.



62.6504, 73.8710, 88.5239



78.6995, 73.8710, 84.9735



64.1041, 73.8710, 65.8594

Square

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



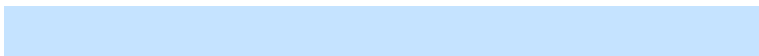
78.6995, 73.8710, 84.9735



71.7802, 73.8710, 59.2382



62.3581, 73.8710, 76.0571



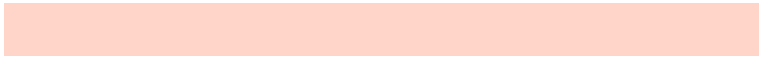
68.6671, 73.8710, 106.1618

Rectangle

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



78.6995, 73.8710, 84.9735



76.8529, 73.8710, 66.3010



62.3581, 73.8710, 76.0571



63.9654, 73.8710, 96.4427

Sweetspot

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



78.7016, 73.8743, 84.9751



89.9654, 91.6727, 101.5270



75.9614, 72.0450, 103.6695



19.1087, 19.3807, 21.5147



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.



78.7016, 73.8743, 84.9751



76.5403, 69.9287, 81.3100



77.0089, 74.3268, 72.5790



18.3325, 18.1163, 20.3679



23.0700, 11.7173, 9.0189



2.2997, 1.1622, 1.1594

Inverse Universe

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



78.7016, 73.8743, 84.9751



76.5403, 69.9287, 81.3100



79.6029, 90.2741, 106.9961



18.3325, 18.1163, 20.3679



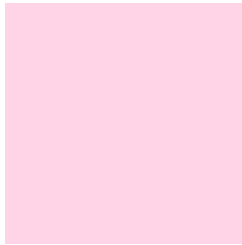
23.0700, 11.7173, 9.0189



2.2997, 1.1622, 1.1594

Previews

White Background



This preview shows how the XYZ color 78.6995, 73.8710, 84.9735 looks on a white background.

Color Contrast Check

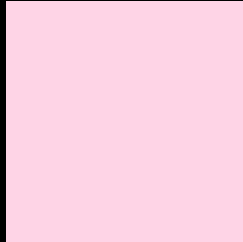
Large Text (above 18pt) WCAG AA × Fail

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 78.6995, 73.8710, 84.9735 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 78.6995, 73.8710, 84.9735

Background



This preview shows how black text looks on a background with the XYZ color 78.6995, 73.8710, 84.9735.



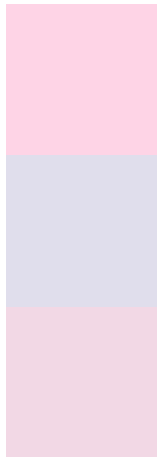
This preview shows how white text looks on a background with the XYZ color 78.6995, 73.8710,

84.9735.

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

78.6995, 73.8710, 84.9735

Protanopia

72.0021, 74.1460, 89.8736

Deuteranopia

75.3167, 73.6461, 84.3742



Tritanopia

78.5594, 73.8149, 84.2359

Trichromacy



Original Color

78.6995, 73.8710, 84.9735

Protanomaly

74.1836, 73.7455, 88.1663

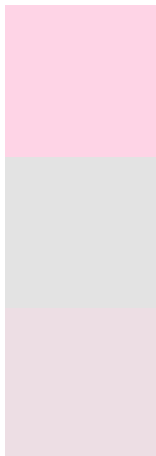
Deuteranomaly

76.4493, 73.8509, 84.3541

Tritanomaly

78.5594, 73.8149, 84.2359

Monochromacy



Original Color

78.6995, 73.8710, 84.9735

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0499, 75.8485, 84.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6995, 73.8710, 84.9735 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, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 230)  
}
```

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, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.6995, 73.8710, 84.9735 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, 212, 230) }
```


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

```
.border{ border-color:rgb(254, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6995, 73.8710, 84.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 230) }
```

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

```
.background{ background-color: rgb(254,  
212, 230) }
```

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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