

Converting Colors

XYZ(78.0204, 73.2870, 83.0395)

Have a look what the booklet for
XYZ(78.0204, 73.2870, 83.0395)
contains.

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Color

**XYZ(78.0324, 73.2054,
82.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	FED3E3
RGB	254, 211, 227
RGB Percent	100%, 83%, 89%
CMY	0.0039, 0.1725, 0.1098
CMYK	0.00, 0.17, 0.11, 0.00
HSL	338°, 96%, 91%
HSV	338°, 17%, 100%
XYZ	78.0324, 73.2054, 82.6903
YIQ	225.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

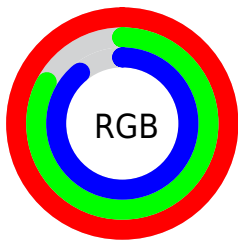
Format	Color
RYB	254, 211, 227
Decimal	16700387
CIELab	88.55, 17.56, -2.22
CIELCh	89, 17.695, 352.792
Yxy	73.2054, 0.3336, 0.3129
Android (android.graphics.Color)	4294890467 (0xFF FED3E3)
YUV	225.6810, 0.6503, 24.8358
Hunter-Lab	85.5602, 13.0649, 2.5908

Details

The XYZ color **78.0324, 73.2054, 82.6903** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7413, 90.9074, 94.3427**, and the grayscale version is **72.0452, 75.7972, 82.5431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3608, 38.6258, 44.2526** is the 20% darker color. If you saturate the color by 10%, you get **70.1136, 60.7287, 69.6878**, and if you desaturate by 10%, it is **87.1563, 87.7642, 97.1025**.

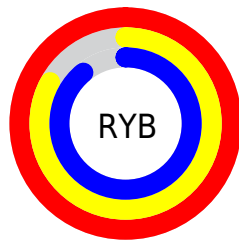
Distribution



Red (100%)

Green (83%)

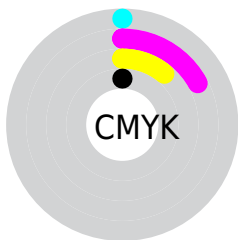
Blue (89%)



Red (100%)

Yellow (83%)

Blue (89%)

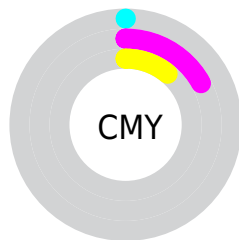


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0324, 73.2054, 82.6903 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 78.0324, 73.2054, 82.6903 by changing the saturation by 10% instead.


 78.0324, 73.2054,
82.6903

 78.0324, 73.2054,
82.6903


477.1150,
471.7264, 523.8977

 58.4035, 54.1439,
61.3956

129.5609,
123.7688, 138.9870

 42.3776, 38.7167,
44.1119


162.1912,
156.0394, 174.8260

 29.5895, 26.5394,
30.4206


199.8860,
193.4820, 216.3502

 19.6737, 17.2276,
19.9033

243.0107,
236.4808, 263.9781

 12.2650, 10.3969,
12.1414

291.9305,
285.4202, 318.1283

 6.9979, 5.6629,
6.7163

347.0110,

 3.5071, 2.6412,

340.6847, 379.2192

3.2096

408.6173,
402.6586, 447.6695

■ 1.4273, 0.9474,
1.2026

■ 0.2755, 0.0000,
0.0000

■ 78.0324, 73.2054,
82.6903

■ 78.0324, 73.2054,
82.6903

■ 70.1136, 60.7287,
69.6878

■ 87.1563, 87.7642,
97.1025

■ 63.3416, 50.2287,
58.0459

94.6834, 99.8110,
108.8828

■ 57.6621, 41.6055,
47.7188

■ 53.0141, 34.7465,
38.6566

■ 49.3302, 29.5269,
30.8054

■ 46.5341, 25.8053,
24.1071

■ 44.5375, 23.4160,
18.4971

■ 43.2293, 22.1489,
13.9009

■ 42.9161, 21.8881,
12.6695

Harmonies

Analogous

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



76.3140, 73.2054, 94.7633



78.0324, 73.2054, 82.6903



77.4131, 73.2054, 70.9560

Triad

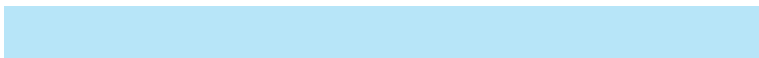
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0324, 73.2054, 82.6903



66.4523, 73.2054, 59.9659



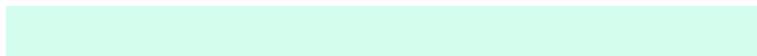
64.7396, 73.2054, 99.9044

Complementary

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



78.0324, 73.2054, 82.6903



77.7413, 90.9074, 94.3427

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.



62.2931, 73.2054, 89.1521



78.0324, 73.2054, 82.6903



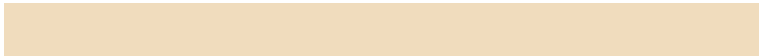
63.2534, 73.2054, 66.3386

Square

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



78.0324, 73.2054, 82.6903



70.6131, 73.2054, 58.6135



61.7603, 73.2054, 76.7987



68.5561, 73.2054, 105.3394

Rectangle

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



78.0324, 73.2054, 82.6903



75.7695, 73.2054, 64.8009



61.7603, 73.2054, 76.7987



63.7362, 73.2054, 96.7426

Sweetspot

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



78.0345, 73.2087, 82.6918



89.8541, 91.6282, 100.9405



76.2841, 71.8414, 103.6129



19.0816, 19.3699, 21.3723



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

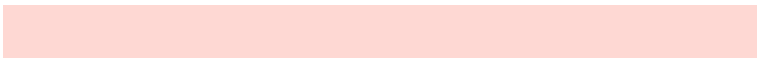
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0345, 73.2087, 82.6918



76.1486, 69.7720, 79.2471



77.1936, 74.8975, 72.0201



18.2888, 18.0988, 20.1380



22.6910, 11.5657, 7.0230



2.2601, 1.1464, 0.9509

Inverse Universe

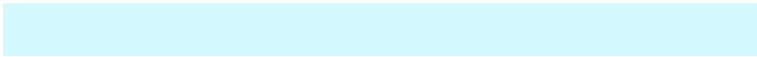
The Inverse Universe completely reimagines the original color for something new.



78.0345, 73.2087, 82.6918



76.1486, 69.7720, 79.2471



78.6263, 88.7476, 106.7527



18.2888, 18.0988, 20.1380



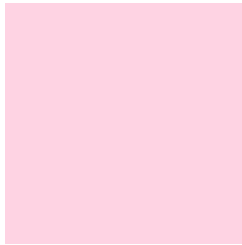
22.6910, 11.5657, 7.0230



2.2601, 1.1464, 0.9509

Previews

White Background



This preview shows how the XYZ color 78.0324, 73.2054, 82.6903 looks on a white background.

Color Contrast Check

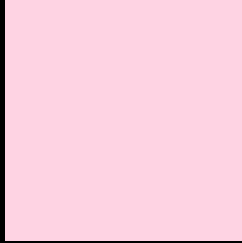
Large Text (above 18pt) WCAG AA × Fail

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 78.0324, 73.2054, 82.6903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

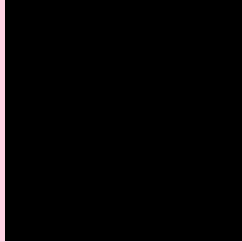
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0324, 73.2054, 82.6903

Background



This preview shows how black text looks on a background with the XYZ color 78.0324, 73.2054, 82.6903.

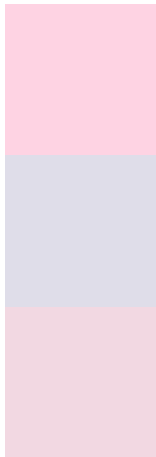


This preview shows how white text looks on a background with the XYZ color 78.0324, 73.2054,

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

78.0324, 73.2054, 82.6903

Protanopia

70.9959, 73.2841, 87.4942

Deuteranopia

74.9013, 73.4800, 82.1868



Tritanopia

78.0324, 73.2054, 82.6903

Trichromacy



Original Color

78.0324, 73.2054, 82.6903

Protanomaly

73.1683, 72.8877, 85.8136

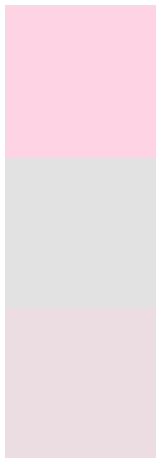
Deuteranomaly

75.7801, 73.1770, 82.0820

Tritanomaly

78.0324, 73.2054, 82.6903

Monochromacy



Original Color

78.0324, 73.2054, 82.6903

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1760, 75.0368, 82.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0324, 73.2054, 82.6903 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, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 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, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 78.0324, 73.2054, 82.6903 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, 211, 227) }
```


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

```
.border{ border-color:rgb(254, 211, 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, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0324, 73.2054, 82.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 227) }
```

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

```
.background{ background-color: rgb(254,  
211, 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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