

Converting Colors

XYZ(75.9959, 73.3047, 81.3790)

Have a look what the booklet for
XYZ(75.9959, 73.3047, 81.3790)
contains.

XYZ(75.9949, 73.3035, 81.3778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9949, 73.3035,
81.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D6E1
RGB	247, 214, 225
RGB Percent	97%, 84%, 88%
CMY	0.0314, 0.1608, 0.1176
CMYK	0.00, 0.13, 0.09, 0.03
HSL	340°, 67%, 90%
HSV	340°, 13%, 97%
XYZ	75.9949, 73.3035, 81.3778
YIQ	225.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

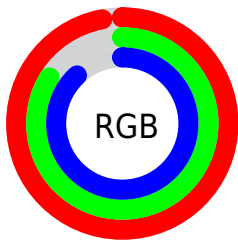
Format	Color
RYB	247, 214, 225
Decimal	16242401
CIELab	88.59, 13.24, -1.17
CIELCh	89, 13.295, 354.954
Yxy	73.3035, 0.3294, 0.3178
Android (android.graphics.Color)	4294432481 (0xFFFF7D6E1)
YUV	225.1210, -0.0597, 19.1879
Hunter-Lab	85.6175, 8.6078, 3.5782

Details

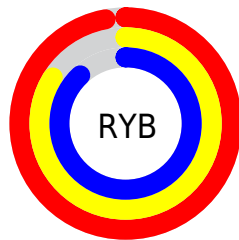
The XYZ color **75.9949, 73.3035, 81.3778** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1354, 86.8756, 92.1169**, and the grayscale version is **71.6490, 75.3804, 82.0892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8890, 38.6457, 43.3345** is the 20% darker color. If you saturate the color by 10%, you get **68.0724, 60.8815, 68.1822**, and if you desaturate by 10%, it is **85.0861, 87.7143, 96.0339**.

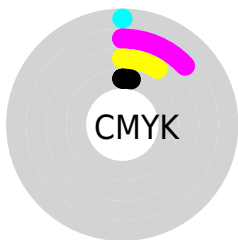
Distribution



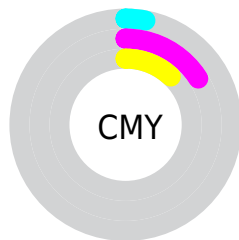
- Red (97%)
- Green (84%)
- Blue (88%)



- Red (97%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9949, 73.3035, 81.3778 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 75.9949, 73.3035, 81.3778 by changing the saturation by 10% instead.

75.9949, 73.3035,
81.3778

75.9949, 73.3035,
81.3778

470.2749,
472.0660, 519.3928

56.7254, 54.2242,
60.3200

126.7001,
123.9080, 137.1300

41.0241, 38.7809,
43.2496

158.8665,
156.2019, 172.6614

28.5256, 26.5893,
29.7482

196.0625,
193.6695, 213.8544

18.8647, 17.2650,
19.3971

238.6535,
236.6951, 261.1276

11.6760, 10.4236,
11.7778

287.0049,
285.6632, 314.8995

6.5941, 5.6807,
6.4719

341.4821,

3.2536, 2.6519,

340.9581, 375.5886

3.0607

402.4503,
402.9642, 443.6136

■ 1.2893, 0.9528,
1.1257

■ 0.1752, 0.0000,
0.0000

■ 75.9949, 73.3035,
81.3778

■ 75.9949, 73.3035,
81.3778

■ 68.0724, 60.8815,
68.1822

■ 85.0861, 87.7143,
96.0339

■ 61.2637, 50.3512,
56.3961

■ 92.1681, 98.5143,
108.7651

■ 55.5189, 41.6215,
45.9722

■ 50.7813, 34.5903,
36.8585

■ 46.9891, 29.1450,
28.9997

■ 44.0731, 25.1593,
22.3359

■ 41.9540, 22.4872,
16.8013

■ 40.5364, 20.9518,
12.3220

■ 39.8931, 20.3883,
9.8780

Harmonies

Analogous

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



74.8419, 73.3035, 90.3871



75.9949, 73.3035, 81.3778



75.4120, 73.3035, 72.5967

Triad

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



75.9949, 73.3035, 81.3778



67.1045, 73.3035, 64.8561



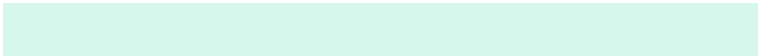
66.1929, 73.3035, 95.1572

Complementary

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



75.9949, 73.3035, 81.3778



76.1354, 86.8756, 92.1169

Split Complementary

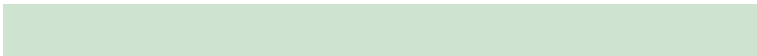
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2324, 73.3035, 87.4967



75.9949, 73.3035, 81.3778



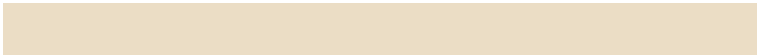
64.7473, 73.3035, 70.1013

Square

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



75.9949, 73.3035, 81.3778



70.2163, 73.3035, 63.4903



63.7114, 73.3035, 78.2724



69.1320, 73.3035, 98.7225

Rectangle

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



75.9949, 73.3035, 81.3778



74.1265, 73.3035, 67.9810



63.7114, 73.3035, 78.2724



65.4012, 73.3035, 92.9485

Sweetspot

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



75.9970, 73.3067, 81.3794



90.8061, 93.2335, 102.1789



75.4296, 72.6449, 98.0428



19.2704, 19.6920, 21.6061



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

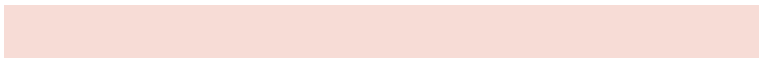
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9970, 73.3067, 81.3794



79.3126, 75.0446, 83.5557



75.9599, 75.5566, 74.2026



16.7269, 16.5736, 18.3084



21.1566, 10.8061, 5.5331



1.9052, 0.9680, 0.7272

Inverse Universe

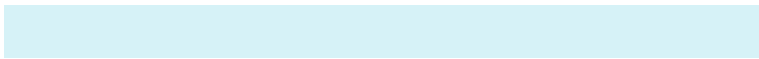
The Inverse Universe completely reimagines the original color for something new.



75.9970, 73.3067, 81.3794



79.3126, 75.0446, 83.5557



76.1260, 84.2206, 100.2404



16.7269, 16.5736, 18.3084



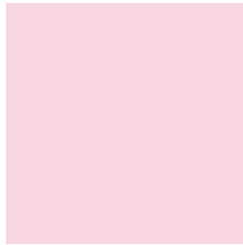
21.1566, 10.8061, 5.5331



1.9052, 0.9680, 0.7272

Previews

White Background



This preview shows how the XYZ color 75.9949, 73.3035, 81.3778 looks on a white background.

Color Contrast Check

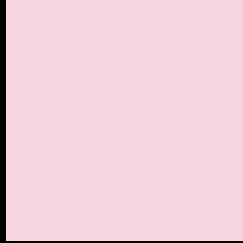
Large Text (above 18pt) WCAG AA × Fail

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 75.9949, 73.3035, 81.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

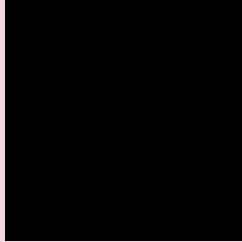
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9949, 73.3035, 81.3778

Background



This preview shows how black text looks on a background with the XYZ color 75.9949, 73.3035, 81.3778.



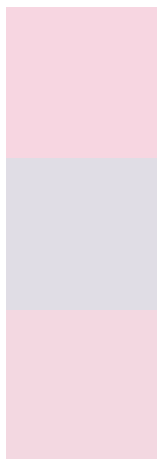
This preview shows how white text looks on a background with the XYZ color 75.9949, 73.3035,

81.3778.

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

75.9949, 73.3035, 81.3778

Protanopia

70.7398, 73.2173, 84.5327

Deuteranopia

75.1086, 73.6027, 81.4822



Tritanopia

76.7886, 73.2581, 84.9559

Trichromacy



Original Color

75.9949, 73.3035, 81.3778

Protanomaly

72.3537, 72.9000, 83.6565

Deuteranomaly

75.1993, 73.2702, 81.4133

Tritanomaly

76.5092, 73.1464, 83.4850

Monochromacy



Original Color

75.9949, 73.3035, 81.3778

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.0513, 74.4728, 81.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9949, 73.3035, 81.3778 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(247, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 225)  
}
```

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(247, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.9949, 73.3035, 81.3778 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(247, 214, 225) }
```


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

```
.border{ border-color:rgb(247, 214, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9949, 73.3035, 81.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 225) }
```

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

```
.background{ background-color: rgb(247,  
214, 225) }
```

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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