

Converting Colors

XYZ(75.3448, 74.9382, 78.9000)

Have a look what the booklet for
XYZ(75.3448, 74.9382, 78.9000)
contains.

XYZ(75.3448, 74.9382, 78.9000)	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(75.3448, 74.9382,
78.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DBDD
RGB	243, 219, 221
RGB Percent	95%, 86%, 87%
CMY	0.0471, 0.1412, 0.1333
CMYK	0.00, 0.10, 0.09, 0.05
HSL	355°, 50%, 91%
HSV	355°, 10%, 95%
XYZ	75.3448, 74.9382, 78.9000
YIQ	226.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

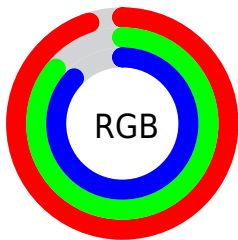
Format	Color
R_{YB}	243, 219, 221
Decimal	15981533
CIE _{Lab}	89.36, 8.59, 2.02
CIE _{LCh}	89, 8.824, 13.249
Yxy	74.9382, 0.3288, 0.3270
Android (android.graphics.Color)	4294171613 (0xFFF3DBDD)
YUV	226.4040, -2.6642, 14.5547
Hunter-Lab	86.5669, 3.8682, 6.5579

Details

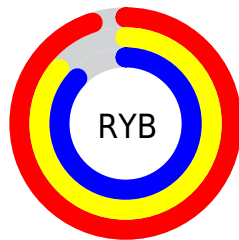
The XYZ color **75.3448, 74.9382, 78.9000** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1441, 85.5140, 95.6633**, and the grayscale version is **72.5947, 76.3752, 83.1726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6519, 39.8689, 41.6293** is the 20% darker color. If you saturate the color by 10%, you get **66.6883, 62.0640, 62.3287**, and if you desaturate by 10%, it is **85.3248, 89.8274, 97.8577**.

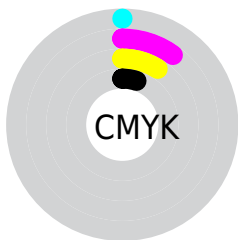
Distribution



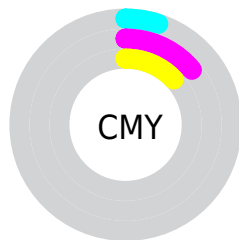
- Red (95%)
- Green (86%)
- Blue (87%)



- Red (95%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3448, 74.9382, 78.9000 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 75.3448, 74.9382, 78.9000 by changing the saturation by 10% instead.

75.3448, 74.9382,
78.9000

75.3448, 74.9382,
78.9000

468.0808,
477.7051, 510.8267

56.1906, 55.5623,
58.2928

125.7856,
126.2249, 133.6155

40.5933, 39.8521,
41.6278

157.8029,
158.9044, 168.5608

28.1877, 27.4232,
28.4866

194.8386,
196.7873, 209.1225

18.6084, 17.8913,
18.4505

237.2581,
240.2578, 255.7192

11.4900, 10.8720,
11.1012

285.4267,
289.7005, 308.7695

6.4671, 5.9808,
6.0199

339.7098,

3.1745, 2.8334,

345.4997, 368.6917

2.7882

400.4727,
408.0398, 435.9046

■ 1.2467, 1.0454,
0.9875

■ 0.1428, 0.0000,
0.0000

■ 75.3448, 74.9382,
78.9000

■ 75.3448, 74.9382,
78.9000

■ 66.6883, 62.0640,
62.3287

■ 85.3248, 89.8274,
97.8577

■ 59.2938, 51.1088,
48.0445

■ 90.7725, 97.7949,
108.6998

■ 53.1041, 41.9838,
35.9484

■ 48.0552, 34.5890,
25.9321

■ 44.0771, 28.8152,
17.8784

■ 41.0922, 24.5404,
11.6580

■ 39.0124, 21.6258,
7.1263

■ 37.7336, 19.9061,
4.1168

■ 37.0965, 19.1138,
2.4190

Harmonies

Analogous

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



75.2767, 74.9382, 85.0702



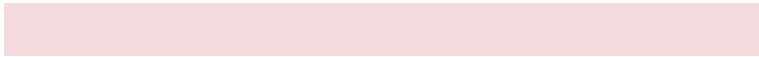
75.3448, 74.9382, 78.9000



74.2937, 74.9382, 73.7159

Triad

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



75.3448, 74.9382, 78.9000



68.4195, 74.9382, 73.2368



70.0366, 74.9382, 93.5189

Complementary

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



75.3448, 74.9382, 78.9000



77.1441, 85.5140, 95.6633

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.



68.2450, 74.9382, 90.0163



75.3448, 74.9382, 78.9000



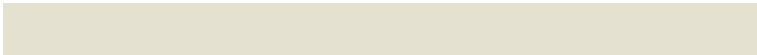
67.3243, 74.9382, 78.2157

Square

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



75.3448, 74.9382, 78.9000



70.2792, 74.9382, 70.5594



67.2611, 74.9382, 84.3506



72.1823, 74.9382, 93.7250

Rectangle

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



75.3448, 74.9382, 78.9000



73.1117, 74.9382, 71.4308



67.2611, 74.9382, 84.3506



69.3740, 74.9382, 92.6803

Sweetspot

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



75.3469, 74.9415, 78.9016



91.5490, 94.7723, 102.2635



77.7870, 75.8382, 95.3333



19.4000, 19.9937, 21.5179



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.



75.3469, 74.9415, 78.9016



81.8608, 80.3296, 83.8238



77.7698, 80.2104, 78.4051



16.5551, 16.5049, 17.4036



20.3759, 10.4938, 1.4217



1.8097, 0.9298, 0.2242

Inverse Universe

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



75.3469, 74.9415, 78.9016



81.8608, 80.3296, 83.8238



74.5328, 79.8117, 96.2717



16.5551, 16.5049, 17.4036



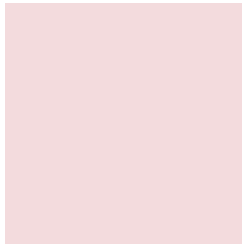
20.3759, 10.4938, 1.4217



1.8097, 0.9298, 0.2242

Previews

White Background



This preview shows how the XYZ color 75.3448, 74.9382, 78.9000 looks on a white background.

Color Contrast Check

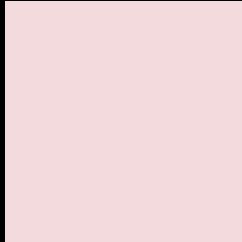
Large Text (above 18pt) WCAG AA × Fail

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 75.3448, 74.9382, 78.9000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

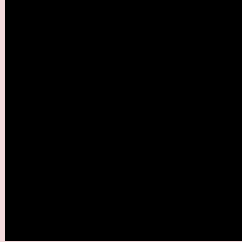
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3448, 74.9382, 78.9000

Background



This preview shows how black text looks on a background with the XYZ color 75.3448, 74.9382, 78.9000.



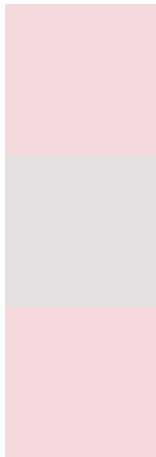
This preview shows how white text looks on a background with the XYZ color 75.3448, 74.9382,

78.9000.

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

75.3448, 74.9382, 78.9000

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

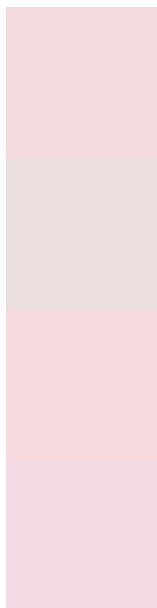
76.2218, 74.6203, 78.7925



Tritanopia

77.3203, 74.9787, 88.2390

Trichromacy



Original Color

75.3448, 74.9382, 78.9000

Protanomaly

73.3722, 75.0627, 80.4335

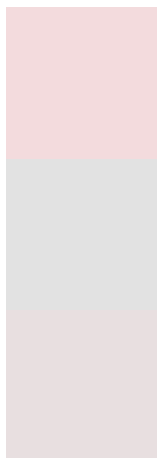
Deuteranomaly

76.1286, 74.9561, 78.8622

Tritanomaly

76.5225, 75.0330, 84.5784

Monochromacy



Original Color

75.3448, 74.9382, 78.9000

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1209, 75.3130, 81.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3448, 74.9382, 78.9000 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(243, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 221)  
}
```

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(243, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.3448, 74.9382, 78.9000 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(243, 219, 221) }
```


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

```
.border{ border-color:rgb(243, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(243, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3448, 74.9382, 78.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 221) }
```

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

```
.background{ background-color: rgb(243,  
219, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor