

Converting Colors

XYZ(75.8701, 75.4905, 78.9301)

Have a look what the booklet for
XYZ(75.8701, 75.4905, 78.9301)
contains.

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Color

**XYZ(75.9526, 75.6400,
79.0035)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4DCDD |
| RGB | 244, 220, 221 |
| RGB Percent | 96%, 86%, 87% |
| CMY | 0.0431, 0.1372, 0.1333 |
| CMYK | 0.00, 0.10, 0.09, 0.04 |
| HSL | 358°, 52%, 91% |
| HSV | 358°, 10%, 96% |
| XYZ | 75.9526, 75.6400, 79.0035 |
| YIQ | 227.2900, 13.9830, 5.3990 |

Conversions

Conversions Part 2

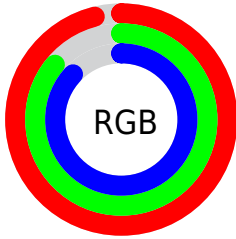
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 220, 221 |
| Decimal | 16047325 |
| CIE _{Lab} | 89.69, 8.42, 2.51 |
| CIE _{LCh} | 90, 8.783, 16.600 |
| Yxy | 75.6400, 0.3294, 0.3280 |
| Android (android.graphics.Color) | 4294237405 (0xFFF4DCDD) |
| YUV | 227.2900, -3.1010, 14.6547 |
| Hunter-Lab | 86.9713, 3.6856, 7.0217 |

Details

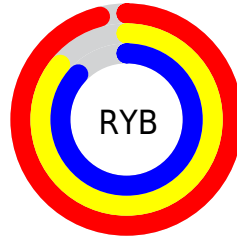
The XYZ color **75.9526, 75.6400, 79.0035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0465, 86.3900, 97.3597**, and the grayscale version is **73.2413, 77.0555, 83.9134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0771, 40.3548, 41.7007** is the 20% darker color. If you saturate the color by 10%, you get **67.1083, 62.5950, 61.7380**, and if you desaturate by 10%, it is **86.1699, 90.7346, 98.8700**.

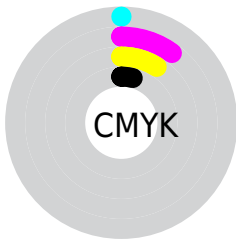
Distribution



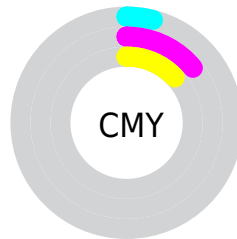
- Red (96%)
- Green (86%)
- Blue (87%)



- Red (96%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9526, 75.6400, 79.0035 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 75.9526, 75.6400, 79.0035 by changing the saturation by 10% instead.


 75.9526, 75.6400,
79.0035

 75.9526, 75.6400,
79.0035


470.1323,
480.1145, 511.1861

 56.6906, 56.1374,
58.3774


126.6406,
127.2179, 133.7625

 40.9960, 40.3131,
41.6954


158.7973,
160.0619, 168.7324

 28.5036, 27.7827,
28.5391

195.9829,
198.1219, 209.3207

 18.8480, 18.1619,
18.4898

238.5628,
241.7822, 255.9459

 11.6639, 11.0663,
11.1292

286.9023,
291.4272, 309.0264

 6.5858, 6.1115,
6.0385

341.3669,

 3.2485, 2.9130,

347.4413, 368.9810

2.7993

402.3217,
410.2089, 436.2280

■ 1.2865, 1.0865,
0.9931

■ 0.1731, 0.0000,
0.0000

■ 75.9526, 75.6400,
79.0035

■ 75.9526, 75.6400,
79.0035

■ 67.1083, 62.5950,
61.7380

■ 86.1699, 90.7346,
98.8700

■ 59.5725, 51.5017,
46.9612

■ 91.1186, 97.9733,
108.7160

■ 53.2849, 42.2694,
34.5600

■ 48.1783, 34.7962,
24.4103

■ 44.1787, 28.9704,
16.3770

■ 41.2042, 24.6675,
10.3106

■ 39.1613, 21.7454,
6.0420

■ 37.9394, 20.0352,
3.3734

■ 37.3706, 19.2651,
2.0509

Harmonies

Analogous

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



76.0150, 75.6400, 85.1499



75.9526, 75.6400, 79.0035



74.7887, 75.6400, 74.0058

Triad

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



75.9526, 75.6400, 79.0035



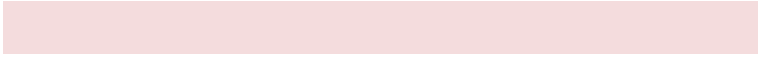
68.9144, 75.6400, 74.4446



70.9342, 75.6400, 94.4955

Complementary

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



75.9526, 75.6400, 79.0035



78.0465, 86.3900, 97.3597

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.



69.0741, 75.6400, 91.3184



75.9526, 75.6400, 79.0035



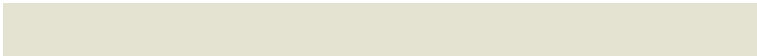
67.9239, 75.6400, 79.6299

Square

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



75.9526, 75.6400, 79.0035



70.7121, 75.6400, 71.4655



67.9818, 75.6400, 85.8084



73.0881, 75.6400, 94.3070

Rectangle

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



75.9526, 75.6400, 79.0035



73.5577, 75.6400, 71.9059



67.9818, 75.6400, 85.8084



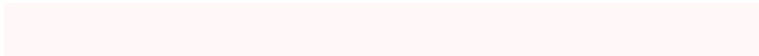
70.2547, 75.6400, 93.7792

Sweetspot

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



75.9547, 75.6433, 79.0051



91.4996, 94.7525, 102.0032



78.8177, 76.7406, 96.2471



19.3867, 19.9884, 21.4480



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.



75.9547, 75.6433, 79.0051



81.6855, 80.2595, 82.9005



78.7487, 81.4429, 79.2838



16.5270, 16.4937, 17.2558



20.3285, 10.4748, 1.1722



1.7963, 0.9245, 0.1537

Inverse Universe

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



75.9547, 75.6433, 79.0051



81.6855, 80.2595, 82.9005



75.0428, 80.1413, 97.1025



16.5270, 16.4937, 17.2558



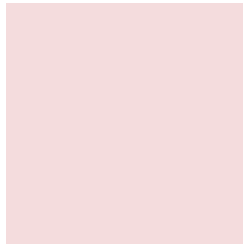
20.3285, 10.4748, 1.1722



1.7963, 0.9245, 0.1537

Previews

White Background



This preview shows how the XYZ color 75.9526, 75.6400, 79.0035 looks on a white background.

Color Contrast Check

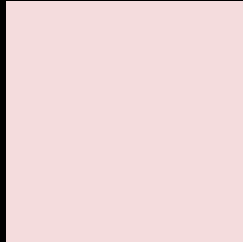
Large Text (above 18pt) WCAG AA × Fail

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 75.9526, 75.6400, 79.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

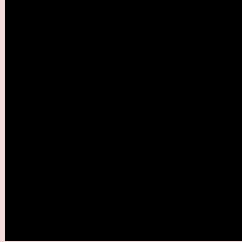
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9526, 75.6400, 79.0035

Background



This preview shows how black text looks on a background with the XYZ color 75.9526, 75.6400, 79.0035.



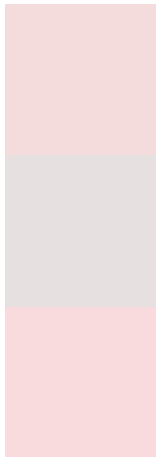
This preview shows how white text looks on a background with the XYZ color 75.9526, 75.6400,

79.0035.

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

75.9526, 75.6400, 79.0035

Protanopia

73.0129, 76.0552, 81.3529

Deuteranopia

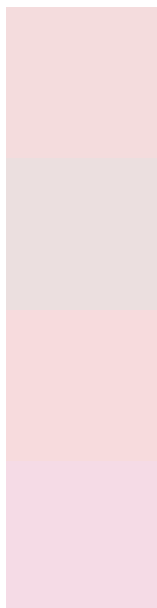
77.1895, 75.5030, 78.9118



Tritanopia

78.0728, 75.7338, 89.1005

Trichromacy



Original Color

75.9526, 75.6400, 79.0035

Protanomaly

73.9679, 75.7652, 80.5377

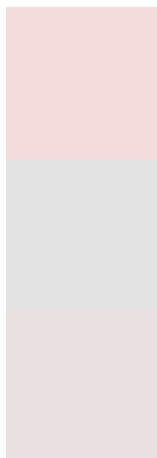
Deuteranomaly

76.7404, 75.6577, 78.9653

Tritanomaly

77.2706, 75.7887, 85.4190

Monochromacy



Original Color

75.9526, 75.6400, 79.0035

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8505, 76.0712, 82.0250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9526, 75.6400, 79.0035 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(244, 220, 221) looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 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(244, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.9526, 75.6400, 79.0035 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(244, 220, 221) }
```


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

```
.border{ border-color:rgb(244, 220, 221) }
```

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

Here you see how a box with a 4 pixel rgb(244, 220, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9526, 75.6400, 79.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 221) }
```

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

```
.background{ background-color: rgb(244,  
220, 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](#).

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