

Converting Colors

XYZ(125.6288, 100.0000,
83.1183)

Have a look what the booklet for
XYZ(125.6288, 100.0000, 83.1183)
contains.

XYZ(79.5074, 76.2675, 81.0516)	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(79.5074, 76.2675,
81.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E0
RGB	255, 217, 224
RGB Percent	100%, 85%, 88%
CMY	0.0000, 0.1490, 0.1216
CMYK	0.00, 0.15, 0.12, 0.00
HSL	349°, 100%, 93%
HSV	349°, 15%, 100%
XYZ	79.5074, 76.2675, 81.0516
YIQ	229.1600, 20.4010, 10.2330

Conversions

Conversions Part 2

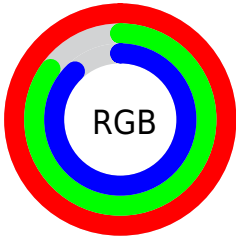
Format	Color
R_{YB}	255, 217, 224
Decimal	16767456
CIE _{Lab}	89.98, 14.29, 1.47
CIE _{LCh}	90, 14.365, 5.881
Yxy	76.2675, 0.3357, 0.3220
Android (android.graphics.Color)	4294957536 (0xFFFFD9E0)
YUV	229.1600, -2.5439, 22.6617
Hunter-Lab	87.3313, 9.6788, 6.1052

Details

The XYZ color **79.5074, 76.2675, 81.0516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3210, 93.0502, 102.4850**, and the grayscale version is **74.6031, 78.4883, 85.4737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3705, 40.7110, 43.1083** is the 20% darker color. If you saturate the color by 10%, you get **70.7843, 63.0639, 65.0646**, and if you desaturate by 10%, it is **89.5948, 91.6466, 99.1987**.

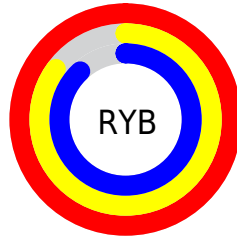
Distribution



Red (100%)

Green (85%)

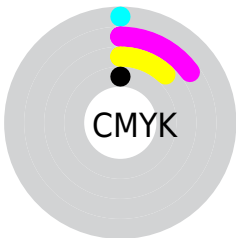
Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

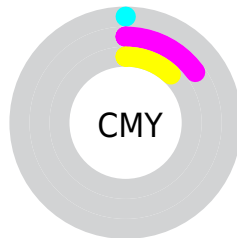


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5074, 76.2675, 81.0516 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 79.5074, 76.2675, 81.0516 by changing the saturation by 10% instead.


 79.5074, 76.2675,
81.0516

 79.5074, 76.2675,
81.0516

482.0330,
482.2629, 518.2697

 59.6201, 56.6519,
60.0528

131.6271,
128.1050, 136.6679

 43.3608, 40.7258,
43.0357


164.5903,
161.0956, 172.1226

 30.3641, 28.1049,
29.5815


202.6428,
199.3134, 213.2330

 20.2645, 18.4048,
19.2718

246.1500,
243.1426, 260.4177

 12.6969, 11.2410,
11.6880

295.4773,
292.9678, 314.0951

 7.2957, 6.2292,
6.4117

350.9900,

 3.6957, 2.9849,

349.1734, 374.6839

3.0242

413.0534,
412.1436, 442.6026

■ 1.5314, 1.1239,
1.1070

■ 0.3471, 0.0000,
0.0000

■ 79.5074, 76.2675,
81.0516

■ 79.5074, 76.2675,
81.0516

■ 70.7843, 63.0639,
65.0646

■ 89.5948, 91.6466,
99.1987

■ 63.3613, 51.9282,
51.1521

95.0500, 100.0000,
108.9000

■ 57.1771, 42.7583,
39.2297

■ 52.1629, 35.4394,
29.2055

■ 48.2434, 29.8448,
20.9799

■ 45.3341, 25.8316,
14.4442

■ 43.3377, 23.2341,
9.4774

■ 42.1366, 21.8491,
5.9413

■ 41.7521, 21.4648,
4.6267

Harmonies

Analogous

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



78.9123, 76.2675, 91.3050



79.5074, 76.2675, 81.0516



78.1730, 76.2675, 72.0843

Triad

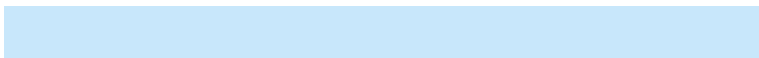
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5074, 76.2675, 81.0516



68.5553, 76.2675, 68.1634



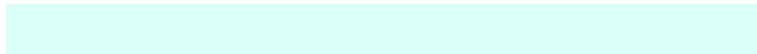
69.7314, 76.2675, 102.2306

Complementary

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



79.5074, 76.2675, 81.0516



81.3210, 93.0502, 102.4850

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.



67.0892, 76.2675, 95.0582



79.5074, 76.2675, 81.0516



66.4259, 76.2675, 75.2938

Square

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



79.5074, 76.2675, 81.0516



71.7915, 76.2675, 65.0444



65.8981, 76.2675, 85.0654



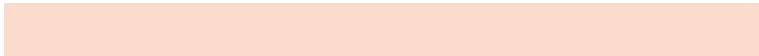
73.1930, 76.2675, 104.0872

Rectangle

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



79.5074, 76.2675, 81.0516



76.3937, 76.2675, 67.8609



65.8981, 76.2675, 85.0654



68.7215, 76.2675, 100.3343

Sweetspot

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



79.5091, 76.2707, 81.0532



90.5708, 93.1394, 100.9395



81.3638, 76.6960, 105.1232



19.2110, 19.6682, 21.2934



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

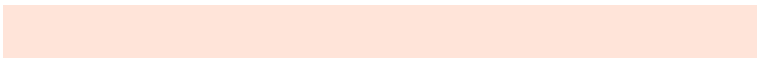
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5091, 76.2707, 81.0532



76.6612, 71.9485, 75.8691



81.6199, 81.9795, 77.1715



18.1459, 18.0417, 19.3857



21.8553, 11.2314, 2.6227



2.1629, 1.1075, 0.4392

Inverse Universe

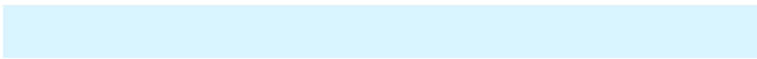
The Inverse Universe completely reimagines the original color for something new.



79.5091, 76.2707, 81.0532



76.6612, 71.9485, 75.8691



78.8980, 86.4346, 107.1329



18.1459, 18.0417, 19.3857



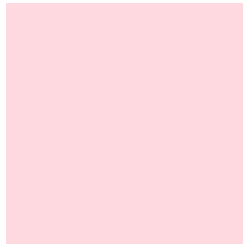
21.8553, 11.2314, 2.6227



2.1629, 1.1075, 0.4392

Previews

White Background



This preview shows how the XYZ color 79.5074, 76.2675, 81.0516 looks on a white background.

Color Contrast Check

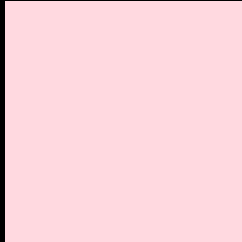
Large Text (above 18pt) WCAG AA × Fail

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 79.5074, 76.2675, 81.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

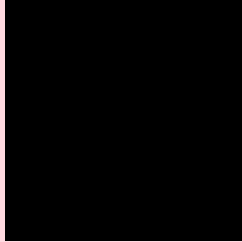
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5074, 76.2675, 81.0516

Background



This preview shows how black text looks on a background with the XYZ color 79.5074, 76.2675, 81.0516.



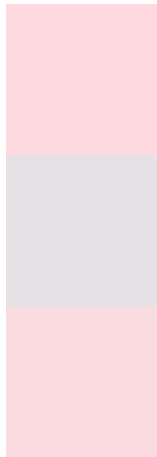
This preview shows how white text looks on a background with the XYZ color 79.5074, 76.2675,

81.0516.

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

79.5074, 76.2675, 81.0516

Protanopia

73.7012, 76.3306, 84.9775

Deuteranopia

77.8530, 76.1846, 81.1228



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

79.5074, 76.2675, 81.0516

Protanomaly

75.5830, 76.1393, 83.3858

Deuteranomaly

78.3096, 76.0339, 81.0696

Tritanomaly

79.9387, 76.0289, 84.5906

Monochromacy



Original Color

79.5074, 76.2675, 81.0516

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0502, 77.5736, 83.6380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5074, 76.2675, 81.0516 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(255, 217, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 224)  
}
```

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(255, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 79.5074, 76.2675, 81.0516 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(255, 217, 224) }
```


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

```
.border{ border-color:rgb(255, 217, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5074, 76.2675, 81.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 224) }
```

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

```
.background{ background-color: rgb(255,  
217, 224) }
```

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