

Converting Colors

XYZ(79.5710, 76.1915, 81.6989)

Have a look what the booklet for
XYZ(79.5710, 76.1915, 81.6989)
contains.

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Color

**XYZ(79.6435, 76.3220,
81.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E1
RGB	255, 217, 225
RGB Percent	100%, 85%, 88%
CMY	0.0000, 0.1490, 0.1176
CMYK	0.00, 0.15, 0.12, 0.00
HSL	347°, 100%, 93%
HSV	347°, 15%, 100%
XYZ	79.6435, 76.3220, 81.7681
YIQ	229.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

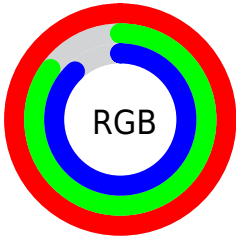
Format	Color
R _Y B	255, 217, 225
Decimal	16767457
CIE Lab	90.01, 14.45, 0.98
CIE LCh	90, 14.483, 3.892
Yxy	76.3220, 0.3350, 0.3210
Android (android.graphics.Color)	4294957537 (0xFFFFD9E1)
YUV	229.2740, -2.1071, 22.5617
Hunter-Lab	87.3625, 9.8442, 5.6604

Details

The XYZ color **79.6435, 76.3220, 81.7681** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1663, 92.9883, 101.6701**, and the grayscale version is **74.6842, 78.5735, 85.5666**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4647, 40.7487, 43.6047** is the 20% darker color. If you saturate the color by 10%, you get **70.9848, 63.1441, 66.1206**, and if you desaturate by 10%, it is **89.6451, 91.6668, 99.4632**.

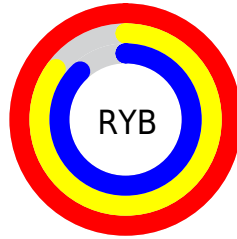
Distribution



Red (100%)

Green (85%)

Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

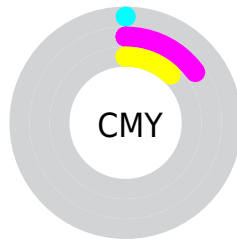


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6435, 76.3220, 81.7681 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 79.6435, 76.3220, 81.7681 by changing the saturation by 10% instead.

 79.6435, 76.3220,
81.7681

 79.6435, 76.3220,
81.7681

482.4854,
482.4493, 520.7347

 59.7325, 56.6966,
60.6397


131.8176,
128.1820, 137.6825

 43.4517, 40.7617,
43.5058


164.8113,
161.1853, 173.3056

 30.4357, 28.1329,
29.9478


202.8967,
199.4168, 214.5974

 20.3193, 18.4259,
19.5473

246.4391,
243.2607, 261.9763

 12.7369, 11.2562,
11.8856

295.8038,
293.1015, 315.8610

 7.3234, 6.2394,
6.5442

351.3562,

 3.7133, 2.9912,

349.3236, 376.6699

3.1046

413.4616,
412.3114, 444.8216

■ 1.5412, 1.1271,
1.1483

■ 0.3536, 0.0010,
0.0000

■ 79.6435, 76.3220,
81.7681

■ 79.6435, 76.3220,
81.7681

■ 70.9848, 63.1441,
66.1206

■ 89.6451, 91.6668,
99.4632

■ 63.6062, 52.0262,
52.4414

95.0500, 100.0000,
108.9000

■ 57.4474, 42.8665,
40.6530

■ 52.4412, 35.5508,
30.6708

■ 48.5138, 29.9529,
22.4037

■ 45.5825, 25.9310,
15.7523

■ 43.5522, 23.3199,
10.6065

■ 42.3074, 21.9174,
6.8408

■ 41.8979, 21.5232,
5.3946

Harmonies

Analogous

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



78.9136, 76.3220, 92.1017



79.6435, 76.3220, 81.7681



78.4195, 76.3220, 72.5656

Triad

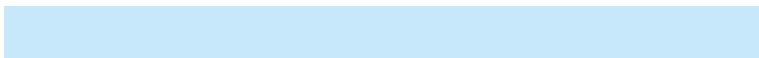
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6435, 76.3220, 81.7681



68.7630, 76.3220, 67.7585



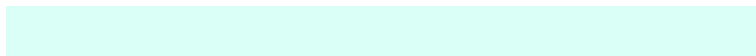
69.5484, 76.3220, 102.1327

Complementary

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



79.6435, 76.3220, 81.7681



81.1663, 92.9883, 101.6701

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.



66.9653, 76.3220, 94.6112



79.6435, 76.3220, 81.7681



66.5225, 76.3220, 74.7079

Square

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



79.6435, 76.3220, 81.7681



72.0746, 76.3220, 64.9097



65.8753, 76.3220, 84.4497



73.0109, 76.3220, 104.4099

Rectangle

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



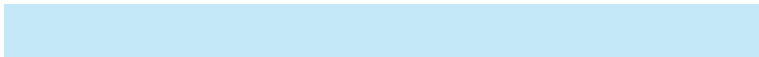
79.6435, 76.3220, 81.7681



76.6831, 76.3220, 68.1418



65.8753, 76.3220, 84.4497



68.5523, 76.3220, 100.1050

Sweetspot

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



79.6452, 76.3252, 81.7697



90.6122, 93.1560, 101.1575



81.1404, 76.5809, 105.1128



19.2215, 19.6724, 21.3484



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

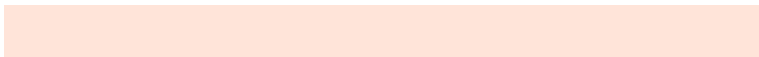
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6452, 76.3252, 81.7697



76.8195, 72.0118, 76.7025



81.4456, 81.6310, 77.1135



18.1657, 18.0496, 19.4899



21.9360, 11.2637, 3.0475



2.1735, 1.1118, 0.4950

Inverse Universe

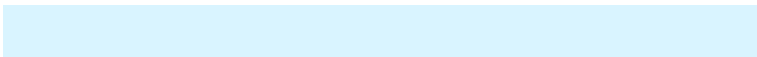
The Inverse Universe completely reimagines the original color for something new.



79.6452, 76.3252, 81.7697



76.8195, 72.0118, 76.7025



79.0886, 86.8156, 107.1964



18.1657, 18.0496, 19.4899



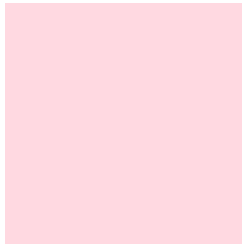
21.9360, 11.2637, 3.0475



2.1735, 1.1118, 0.4950

Previews

White Background



This preview shows how the XYZ color 79.6435, 76.3220, 81.7681 looks on a white background.

Color Contrast Check

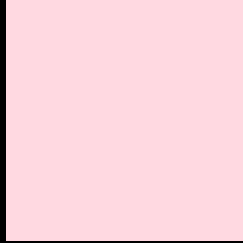
Large Text (above 18pt) WCAG AA × Fail

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 79.6435, 76.3220, 81.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

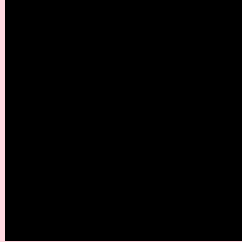
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6435, 76.3220, 81.7681

Background



This preview shows how black text looks on a background with the XYZ color 79.6435, 76.3220, 81.7681.



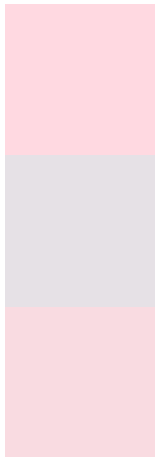
This preview shows how white text looks on a background with the XYZ color 79.6435, 76.3220,

81.7681.

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

79.6435, 76.3220, 81.7681

Protanopia

73.8413, 76.3866, 85.7151

Deuteranopia

77.9890, 76.2390, 81.8393



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

79.6435, 76.3220, 81.7681

Protanomaly

75.7215, 76.1947, 84.1149

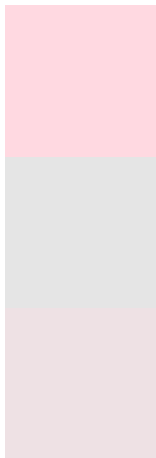
Deuteranomaly

78.4457, 76.0883, 81.7861

Tritanomaly

79.9387, 76.0289, 84.5906

Monochromacy



Original Color

79.6435, 76.3220, 81.7681

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1887, 77.6290, 84.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6435, 76.3220, 81.7681 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, 225)` looks like.

```
.text, #text, p{  
  color:rgb(255, 217, 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(255, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.6435, 76.3220, 81.7681 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, 225) }
```


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

```
.border{ border-color:rgb(255, 217, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6435, 76.3220, 81.7681 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, 225) }
```

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

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