

Converting Colors

XYZ(95.1041, 83.1587, 91.0663)

Have a look what the booklet for
XYZ(95.1041, 83.1587, 91.0663)
contains.

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Color

**XYZ(80.8265, 75.9753,
90.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7ED
RGB	255, 215, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1568, 0.0706
CMYK	0.00, 0.16, 0.07, 0.00
HSL	327°, 100%, 92%
HSV	327°, 16%, 100%
XYZ	80.8265, 75.9753, 90.5254
YIQ	229.4680, 16.7780, 15.3220

Conversions

Conversions Part 2

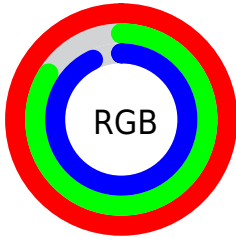
Format	Color
R _Y B	255, 215, 237
Decimal	16766957
CIE Lab	89.85, 17.46, -5.57
CIE LCh	90, 18.330, 342.325
Yxy	75.9753, 0.3268, 0.3072
Android (android.graphics.Color)	4294957037 (0xFFFFD7ED)
YUV	229.4680, 3.7133, 22.3916
Hunter-Lab	87.1638, 12.9854, -0.5619

Details

The XYZ color **80.8265, 75.9753, 90.5254** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4947, 91.8514, 90.6862**, and the grayscale version is **74.7872, 78.6820, 85.6847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2000, 40.4836, 49.2006** is the 20% darker color. If you saturate the color by 10%, you get **73.2091, 63.3382, 79.9776**, and if you desaturate by 10%, it is **89.5667, 90.6855, 101.9790**.

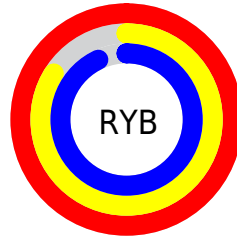
Distribution



Red (100%)

Green (84%)

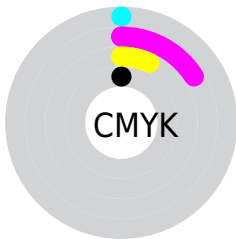
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

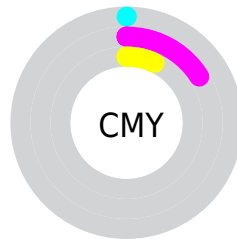


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8265, 75.9753, 90.5254 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 80.8265, 75.9753, 90.5254 by changing the saturation by 10% instead.


 80.8265, 75.9753,
90.5254

 80.8265, 75.9753,
90.5254


486.4081,
481.2631, 550.3526

 60.7095, 56.4123,
67.8403


133.4716,
127.6920, 150.0099

 44.2424, 40.5335,
49.3020


166.7303,
160.6144, 187.6464

 31.0599, 27.9548,
34.4918


205.1004,
198.7588, 231.1037

 20.7965, 18.2916,
22.9912

248.9472,
242.5094, 280.8005

 13.0869, 11.1595,
14.3818

298.6360,
292.2508, 337.1552

 7.5659, 6.1742,
8.2449

354.5322,

 3.8679, 2.9513,

348.3673, 400.5865

4.1620

417.0011,
411.2433, 471.5128

■ 1.6277, 1.1064,
1.7147

■ 0.4103, 0.0000,
0.3707

■ 80.8265, 75.9753,
90.5254

■ 80.8265, 75.9753,
90.5254

■ 73.2091, 63.3382,
79.9776

■ 89.5667, 90.6855,
101.9790

■ 66.6605, 52.6706,
70.3047

95.0500, 100.0000,
108.9000

■ 61.1300, 43.8740,
61.4806

■ 56.5606, 36.8375,
53.4761

■ 52.8891, 31.4385,
46.2592

■ 50.0445, 27.5385,
39.7951

■ 47.9440, 24.9757,
34.0448

■ 46.4856, 23.5498,
28.9623

■ 45.9915, 23.1606,
26.9509

Harmonies

Analogous

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



78.2327, 75.9753, 102.5557



80.8265, 75.9753, 90.5254



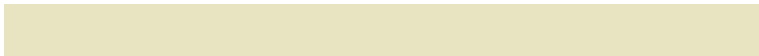
81.0534, 75.9753, 77.5167

Triad

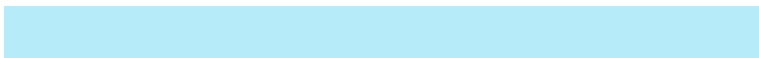
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8265, 75.9753, 90.5254



70.3703, 75.9753, 60.6836



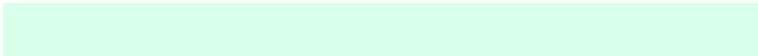
65.9666, 75.9753, 100.6688

Complementary

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



80.8265, 75.9753, 90.5254



78.4947, 91.8514, 90.6862

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.



64.0386, 75.9753, 88.1599



80.8265, 75.9753, 90.5254



66.5089, 75.9753, 65.6298

Square

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



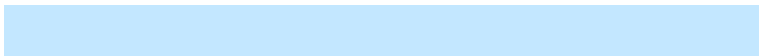
80.8265, 75.9753, 90.5254



74.8872, 75.9753, 61.1747



64.2329, 75.9753, 75.3846



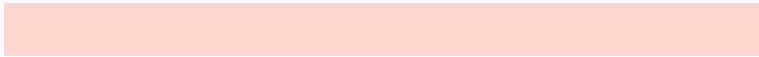
69.6018, 75.9753, 108.8194

Rectangle

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



80.8265, 75.9753, 90.5254



79.8196, 75.9753, 70.0985



64.2329, 75.9753, 75.3846



65.1043, 75.9753, 96.7816

Sweetspot

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



80.8282, 75.9784, 90.5270



90.2064, 91.7691, 102.7958



75.9573, 73.1481, 104.7234



19.1672, 19.4041, 21.8229



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.



80.8282, 75.9784, 90.5270



78.1799, 71.5623, 86.9300



78.0671, 74.8739, 75.9870



18.4274, 18.1543, 20.8681



24.1079, 12.1325, 14.4847



2.4024, 1.2033, 1.7005

Inverse Universe

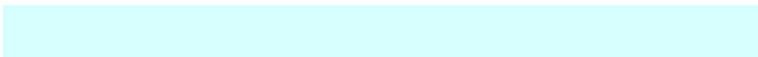
The Inverse Universe completely reimagines the original color for something new.



80.8282, 75.9784, 90.5270



78.1799, 71.5623, 86.9300



81.5157, 93.0598, 106.5948



18.4274, 18.1543, 20.8681



24.1079, 12.1325, 14.4847



2.4024, 1.2033, 1.7005

Previews

White Background



This preview shows how the XYZ color 80.8265, 75.9753, 90.5254 looks on a white background.

Color Contrast Check

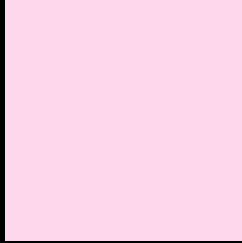
Large Text (above 18pt) WCAG AA × Fail

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 80.8265, 75.9753, 90.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

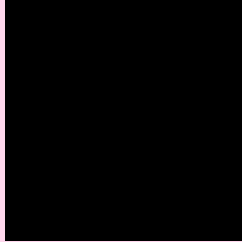
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8265, 75.9753, 90.5254

Background



This preview shows how black text looks on a background with the XYZ color 80.8265, 75.9753, 90.5254.



This preview shows how white text looks on a background with the XYZ color 80.8265, 75.9753,

90.5254.

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

80.8265, 75.9753, 90.5254

Protanopia

74.1542, 76.3290, 95.6187

Deuteranopia

77.4340, 75.7739, 89.9015



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

80.8265, 75.9753, 90.5254

Protanomaly

76.3257, 75.8966, 93.8458

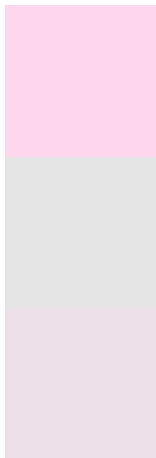
Deuteranomaly

78.5695, 75.9731, 89.8801

Tritanomaly

80.2802, 76.1231, 88.3039

Monochromacy



Original Color

80.8265, 75.9753, 90.5254

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.4810, 77.3146, 87.2362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8265, 75.9753, 90.5254 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, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 237)  
}
```

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, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.8265, 75.9753, 90.5254 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, 215, 237) }
```


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

```
.border{ border-color:rgb(255, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8265, 75.9753, 90.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 237) }
```

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

```
.background{ background-color: rgb(255,  
215, 237) }
```

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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