

Converting Colors

XYZ(76.0932, 69.4921, 79.7499)

Have a look what the booklet for
XYZ(76.0932, 69.4921, 79.7499)
contains.

XYZ(76.0505, 69.3537, 79.8993)	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(76.0505, 69.3537,
79.8993)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBE0
RGB	255, 203, 224
RGB Percent	100%, 80%, 88%
CMY	0.0000, 0.2039, 0.1216
CMYK	0.00, 0.20, 0.12, 0.00
HSL	336°, 100%, 90%
HSV	336°, 20%, 100%
XYZ	76.0505, 69.3537, 79.8993
YIQ	220.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

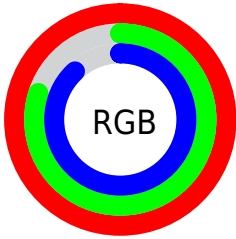
Format	Color
R _Y B	255, 203, 224
Decimal	16763872
CIE Lab	86.68, 21.60, -3.36
CIE LCh	87, 21.864, 351.154
Yxy	69.3537, 0.3375, 0.3078
Android (android.graphics.Color)	4294953952 (0xFFFFCBE0)
YUV	220.9420, 1.5076, 29.8689
Hunter-Lab	83.2789, 17.2687, 1.4113

Details

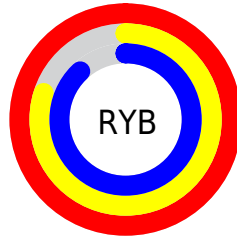
The XYZ color **76.0505, 69.3537, 79.8993** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2422, 90.1581, 91.2820**, and the grayscale version is **68.6658, 72.2418, 78.6713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1976, 36.3652, 42.3840** is the 20% darker color. If you saturate the color by 10%, you get **68.5459, 57.4980, 67.6762**, and if you desaturate by 10%, it is **84.7330, 83.2697, 93.4265**.

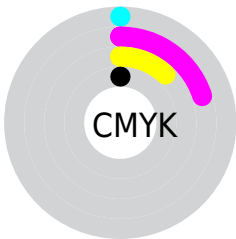
Distribution



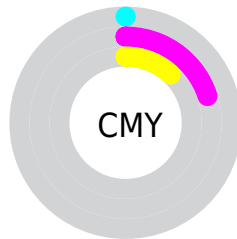
- Red (100%)
- Green (80%)
- Blue (88%)



- Red (100%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0505, 69.3537, 79.8993 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 76.0505, 69.3537, 79.8993 by changing the saturation by 10% instead.

76.0505, 69.3537,
79.8993

76.0505, 69.3537,
79.8993

470.4623,
458.2775, 514.2912

56.7711, 50.9998,
59.1098

126.7783,
118.2866, 135.0343

41.0609, 36.2085,
42.2809

158.9574,
149.6345, 170.2168

28.5546, 24.5952,
28.9941

196.1671,
186.0824, 211.0341

18.8867, 15.7758,
18.8308

238.7727,
228.0148, 257.9048

11.6920, 9.3656,
11.3725

287.1398,
275.8162, 311.2473

6.6050, 4.9804,
6.2007

341.6334,

3.2604, 2.2358,

329.8708, 371.4801

2.8967

402.6192,
390.5631, 439.0219

■ 1.2929, 0.7394,
1.0421

■ 0.1779, 0.0000,
0.0000

■ 76.0505, 69.3537,
79.8993

■ 76.0505, 69.3537,
79.8993

■ 68.5459, 57.4980,
67.6762

■ 84.7330, 83.2697,
93.4265

■ 62.1614, 47.5953,
56.7115

94.6384, 99.3293,
108.2929

■ 56.8411, 39.5416,
46.9627

95.0500, 100.0000,
108.9000

■ 52.5221, 33.2197,
38.3831

■ 49.1347, 28.4988,
30.9223

■ 46.5995, 25.2292,
24.5255

■ 44.8223, 23.2324,
19.1309

■ 43.6867, 22.2387,
14.8139

Harmonies

Analogous

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



73.8237, 69.3537, 94.4579



76.0505, 69.3537, 79.8993



75.4558, 69.3537, 65.8611

Triad

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



76.0505, 69.3537, 79.8993



62.4557, 69.3537, 52.3113



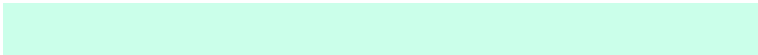
59.9789, 69.3537, 99.4680

Complementary

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



76.0505, 69.3537, 79.8993



75.2422, 90.1581, 91.2820

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.



57.2210, 69.3537, 86.0676



76.0505, 69.3537, 79.8993



58.5990, 69.3537, 59.2897

Square

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



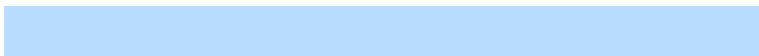
76.0505, 69.3537, 79.8993



67.4324, 69.3537, 51.1052



56.7291, 69.3537, 71.2929



64.4276, 69.3537, 106.6708

Rectangle

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



76.0505, 69.3537, 79.8993



73.5513, 69.3537, 58.5582



56.7291, 69.3537, 71.2929



58.8331, 69.3537, 95.4634

Sweetspot

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



76.0521, 69.3566, 79.9007



88.9277, 90.0500, 99.7852



73.1214, 67.3149, 103.7469



18.8974, 19.0528, 21.1521



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.



76.0521, 69.3566, 79.9007



73.2094, 64.8434, 75.3395



74.4152, 70.3621, 66.1628



18.3133, 18.1086, 20.2671



22.8964, 11.6478, 8.1048



2.2817, 1.1551, 1.0649

Inverse Universe

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



76.0521, 69.3566, 79.9007



73.2094, 64.8434, 75.3395



77.0735, 88.7039, 107.6671



18.3133, 18.1086, 20.2671



22.8964, 11.6478, 8.1048



2.2817, 1.1551, 1.0649

Previews

White Background



This preview shows how the XYZ color 76.0505, 69.3537, 79.8993 looks on a white background.

Color Contrast Check

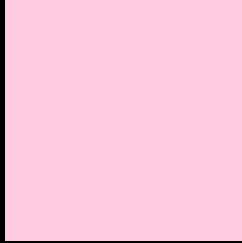
Large Text (above 18pt) WCAG AA × Fail

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 76.0505, 69.3537, 79.8993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

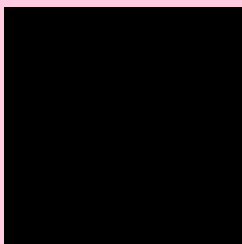
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0505, 69.3537, 79.8993

Background



This preview shows how black text looks on a background with the XYZ color 76.0505, 69.3537, 79.8993.



This preview shows how white text looks on a background with the XYZ color 76.0505, 69.3537,

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

76.0505, 69.3537, 79.8993

Protanopia

67.7366, 69.6896, 86.2253

Deuteranopia

71.2056, 69.7491, 79.5220



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

76.0505, 69.3537, 79.8993

Protanomaly

70.3921, 69.2346, 83.7823

Deuteranomaly

72.8373, 69.4941, 79.3868

Tritanomaly

75.5171, 69.4770, 77.8368

Monochromacy



Original Color

76.0505, 69.3537, 79.8993

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8357, 70.6907, 79.0185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0505, 69.3537, 79.8993 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, 203, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.0505, 69.3537, 79.8993 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, 203, 224) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0505, 69.3537, 79.8993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 224) }
```

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

```
.background{ background-color: rgb(255,  
203, 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