

Converting Colors

XYZ(87.1085, 76.3030, 97.7209)

Have a look what the booklet for
XYZ(87.1085, 76.3030, 97.7209)
contains.

XYZ(80.4304, 73.0256, 97.0450) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(80.4304, 73.0256,
97.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F6
RGB	255, 208, 246
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1843, 0.0353
CMYK	0.00, 0.18, 0.04, 0.00
HSL	311°, 100%, 91%
HSV	311°, 18%, 100%
XYZ	80.4304, 73.0256, 97.0450
YIQ	226.3850, 15.8140, 21.7820

Conversions

Conversions Part 2

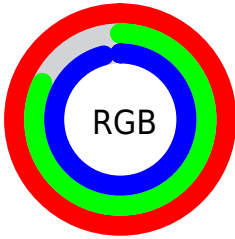
Format	Color
R _Y B	255, 208, 246
Decimal	16765174
CIE Lab	88.46, 22.67, -12.37
CIE LCh	88, 25.827, 331.385
Yxy	73.0256, 0.3211, 0.2915
Android (android.graphics.Color)	4294955254 (0xFFFFD0F6)
YUV	226.3850, 9.6702, 25.0954
Hunter-Lab	85.4550, 18.4582, -7.5128

Details

The XYZ color **80.4304, 73.0256, 97.0450** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2991, 89.9408, 79.0931**, and the grayscale version is **72.4931, 76.2683, 83.0562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9742, 38.5059, 53.8299** is the 20% darker color. If you saturate the color by 10%, you get **73.9666, 61.2815, 91.2419**, and if you desaturate by 10%, it is **87.9167, 86.7824, 103.2881**.

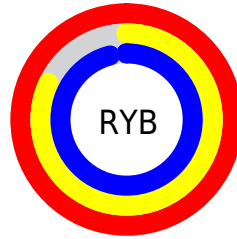
Distribution



Red (100%)

Green (82%)

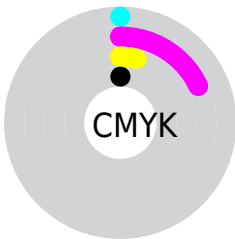
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

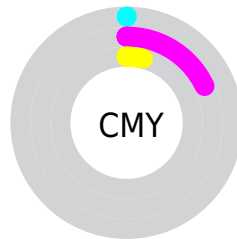


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.4304, 73.0256, 97.0450 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 80.4304, 73.0256, 97.0450 by changing the saturation by 10% instead.


 80.4304, 73.0256,
97.0450

 80.4304, 73.0256,
97.0450


485.0966,
471.1035, 571.8420

 60.3823, 53.9969,
73.2319


132.9180,
123.5136, 159.1066

 43.9775, 38.5992,
53.6727


166.0883,
155.7416, 198.1923

 30.8506, 26.4481,
37.9486


204.3632,
193.1382, 243.2059

 20.6364, 17.1591,
25.6413

248.1083,
236.0878, 294.5660

 12.9694, 10.3480,
16.3321

297.6888,
284.9747, 352.6911

 7.4844, 5.6303,
9.6026

353.4701,

 3.8158, 2.6216,

340.1834, 417.9998

5.0341

415.8176,
402.0982, 490.9106

■ 1.5985, 0.9375,
2.2082

■ 0.3914, 0.0000,
0.6791

■ 80.4304, 73.0256,
97.0450

■ 80.4304, 73.0256,
97.0450

■ 73.9666, 61.2815,
91.2419

■ 87.9167, 86.7824,
103.2881

■ 68.4726, 51.4458,
85.8576

95.0500, 100.0000,
108.9000

■ 63.8981, 43.4183,
80.8755

■ 60.1867, 37.0861,
76.2761

■ 57.2754, 32.3235,
72.0377

■ 55.0924, 28.9873,
68.1354

■ 53.5530, 26.9082,
64.5404

■ 52.5384, 25.8489,
61.2122

■ 52.4014, 25.7246,
60.7051

Harmonies

Analogous

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



75.8165, 73.0256, 112.4341



80.4304, 73.0256, 97.0450



82.0467, 73.0256, 78.6883

Triad

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



80.4304, 73.0256, 97.0450



69.1203, 73.0256, 49.9845



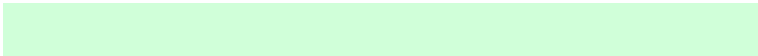
59.7036, 73.0256, 98.6902

Complementary

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



80.4304, 73.0256, 97.0450



74.2991, 89.9408, 79.0931

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.



58.1400, 73.0256, 80.3424



80.4304, 73.0256, 97.0450



63.3724, 73.0256, 53.7402

Square

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



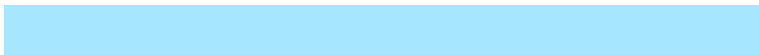
80.4304, 73.0256, 97.0450



75.2872, 73.0256, 53.1058



59.4428, 73.0256, 64.2300



63.8443, 73.0256, 113.4792

Rectangle

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



80.4304, 73.0256, 97.0450



81.1346, 73.0256, 67.6804



59.4428, 73.0256, 64.2300



58.8707, 73.0256, 92.6489

Sweetspot

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



80.4321, 73.0286, 97.0465



89.8937, 90.4364, 104.8719



69.1102, 67.0284, 103.9030



19.1258, 19.1442, 22.3552



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.



80.4321, 73.0286, 97.0465



78.0087, 68.6082, 94.9244



77.1014, 71.6963, 79.5076



18.6347, 18.2372, 21.9596



27.4340, 13.4629, 31.9997



2.7077, 1.3255, 3.3082

Inverse Universe

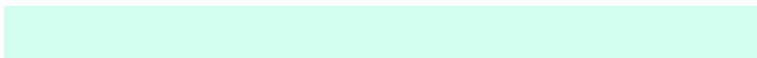
The Inverse Universe completely reimagines the original color for something new.



80.4321, 73.0286, 97.0465



78.0087, 68.6082, 94.9244



77.5199, 91.2291, 96.0537



18.6347, 18.2372, 21.9596



27.4340, 13.4629, 31.9997



2.7077, 1.3255, 3.3082

Previews

White Background



This preview shows how the XYZ color 80.4304, 73.0256, 97.0450 looks on a white background.

Color Contrast Check

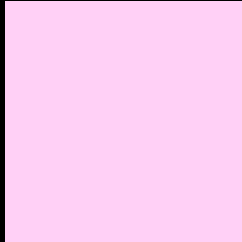
Large Text (above 18pt) WCAG AA × Fail

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 80.4304, 73.0256, 97.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

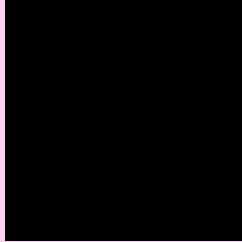
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.4304, 73.0256, 97.0450

Background



This preview shows how black text looks on a background with the XYZ color 80.4304, 73.0256, 97.0450.



This preview shows how white text looks on a background with the XYZ color 80.4304, 73.0256,

97.0450.

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

80.4304, 73.0256, 97.0450

Protanopia

72.3611, 73.6204, 104.1622

Deuteranopia

74.8167, 73.1358, 95.7613



Tritanopia

77.4427, 72.8854, 83.3854

Trichromacy



Original Color

80.4304, 73.0256, 97.0450

Protanomaly

74.9235, 73.0657, 101.4210

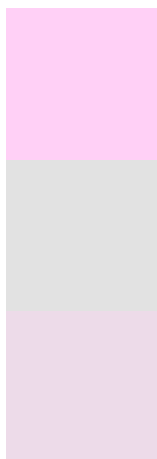
Deuteranomaly

76.8936, 73.0583, 96.4351

Tritanomaly

78.5500, 72.9740, 88.5426

Monochromacy



Original Color

80.4304, 73.0256, 97.0450

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.9646, 74.5508, 87.5295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4304, 73.0256, 97.0450 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, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 246)  
}
```

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, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 246) }
```

Border

The CSS property to change the border of an element to XYZ 80.4304, 73.0256, 97.0450 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, 208, 246) }
```


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

```
.border{ border-color:rgb(255, 208, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4304, 73.0256, 97.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 246) }
```

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

```
.background{ background-color: rgb(255,  
208, 246) }
```

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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