

Converting Colors

XYZ(80.3228, 73.4155, 95.1434)

Have a look what the booklet for
XYZ(80.3228, 73.4155, 95.1434)
contains.

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Color

**XYZ(80.3696, 73.3926,
95.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F4
RGB	255, 209, 244
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1804, 0.0431
CMYK	0.00, 0.18, 0.04, 0.00
HSL	314°, 100%, 91%
HSV	314°, 18%, 100%
XYZ	80.3696, 73.3926, 95.5182
YIQ	226.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

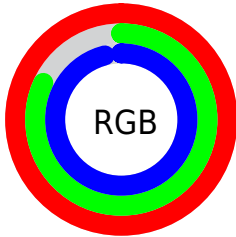
Format	Color
R_{YB}	255, 209, 244
Decimal	16765428
CIE _{Lab}	88.63, 21.80, -11.05
CIE _{LCh}	89, 24.442, 333.114
Yxy	73.3926, 0.3224, 0.2944
Android (android.graphics.Color)	4294955508 (0xFFFFD1F4)
YUV	226.7440, 8.5072, 24.7805
Hunter-Lab	85.6695, 17.5356, -6.1374

Details

The XYZ color **80.3696, 73.3926, 95.5182** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9750, 90.2437, 81.1805**, and the grayscale version is **72.7612, 76.5504, 83.3634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9214, 38.7478, 52.7411** is the 20% darker color. If you saturate the color by 10%, you get **73.6965, 61.5034, 88.8017**, and if you desaturate by 10%, it is **88.0779, 87.3025, 102.7329**.

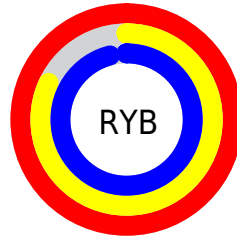
Distribution



Red (100%)

Green (82%)

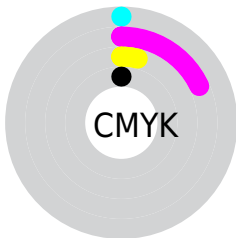
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

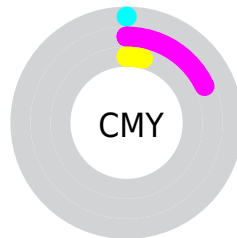


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3696, 73.3926, 95.5182 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 80.3696, 73.3926, 95.5182 by changing the saturation by 10% instead.


 80.3696, 73.3926,
95.5182

 80.3696, 73.3926,
95.5182


484.8951,
472.3744, 566.8493

 60.3321, 54.2970,
71.9671


132.8330,
124.0344, 156.9821

 43.9368, 38.8392,
52.6451


165.9897,
156.3494, 195.7319

 30.8185, 26.6347,
37.1338


204.2500,
193.8397, 240.3850

 20.6119, 17.2990,
25.0145

247.9794,
236.8897, 291.3600

 12.9514, 10.4479,
15.8687

297.5433,
285.8838, 349.0754

 7.4719, 5.6969,
9.2780

353.3070,

 3.8079, 2.6617,

341.2063, 413.9497

4.8236

415.6358,
403.2417, 486.4015

■ 1.5940, 0.9578,
2.0872

■ 0.3885, 0.0000,
0.6082

■ 80.3696, 73.3926,
95.5182

■ 80.3696, 73.3926,
95.5182

■ 73.6965, 61.5034,
88.8017

■ 88.0779, 87.3025,
102.7329

■ 68.0057, 51.5309,
82.5614

95.0500, 100.0000,
108.9000

■ 63.2474, 43.3750,
76.7801

■ 59.3649, 36.9233,
71.4376

■ 56.2955, 32.0505,
66.5113

■ 53.9677, 28.6142,
61.9759

■ 52.2970, 26.4463,
57.8019

■ 51.1694, 25.3187,
53.9494

■ 50.9800, 25.1560,
53.2201

Harmonies

Analogous

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



76.1386, 73.3926, 110.3208



80.3696, 73.3926, 95.5182



81.7057, 73.3926, 78.1603

Triad

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



80.3696, 73.3926, 95.5182



69.1431, 73.3926, 51.6695



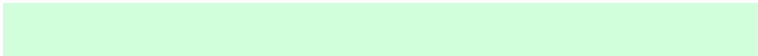
60.6830, 73.3926, 99.0023

Complementary

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



80.3696, 73.3926, 95.5182



74.9750, 90.2437, 81.1805

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.



59.0348, 73.3926, 81.6898



80.3696, 73.3926, 95.5182



63.7433, 73.3926, 55.6776

Square

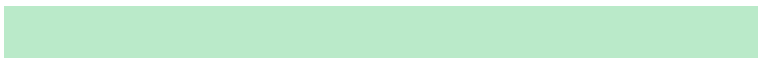
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



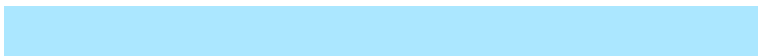
80.3696, 73.3926, 95.5182



75.0128, 73.3926, 54.3022



60.1232, 73.3926, 66.1057



64.7535, 73.3926, 112.5233

Rectangle

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



80.3696, 73.3926, 95.5182



80.7167, 73.3926, 67.8274



60.1232, 73.3926, 66.1057



59.8380, 73.3926, 93.3530

Sweetspot

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



80.3712, 73.3956, 95.5197



90.6295, 91.9384, 105.0240



70.2878, 67.9986, 104.0282



19.2702, 19.4453, 22.3651



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.



80.3712, 73.3956, 95.5197



77.6051, 68.4467, 92.7990



77.1292, 72.0987, 78.4474



18.5960, 18.2217, 21.7557



26.6995, 13.1691, 28.1318



2.6421, 1.2992, 2.9628

Inverse Universe

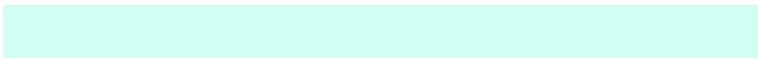
The Inverse Universe completely reimagines the original color for something new.



80.3712, 73.3956, 95.5197



77.6051, 68.4467, 92.7990



78.1938, 91.5312, 98.1303



18.5960, 18.2217, 21.7557



26.6995, 13.1691, 28.1318



2.6421, 1.2992, 2.9628

Previews

White Background



This preview shows how the XYZ color 80.3696, 73.3926, 95.5182 looks on a white background.

Color Contrast Check

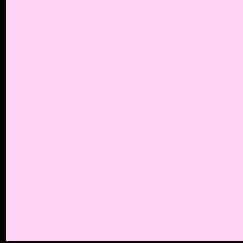
Large Text (above 18pt) WCAG AA × Fail

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 80.3696, 73.3926, 95.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

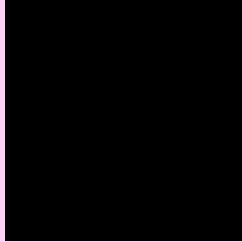
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3696, 73.3926, 95.5182

Background



This preview shows how black text looks on a background with the XYZ color 80.3696, 73.3926, 95.5182.



This preview shows how white text looks on a background with the XYZ color 80.3696, 73.3926,

95.5182.

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

80.3696, 73.3926, 95.5182

Protanopia

72.3406, 73.6466, 102.4979

Deuteranopia

75.2515, 73.7589, 95.0647



Tritanopia

78.0551, 73.5711, 83.4855

Trichromacy



Original Color

80.3696, 73.3926, 95.5182

Protanomaly

74.8667, 73.4542, 99.8547

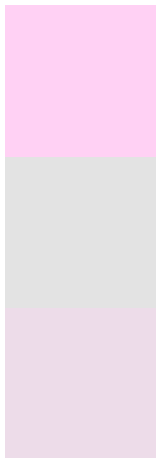
Deuteranomaly

76.8422, 73.4414, 94.9196

Tritanomaly

79.0186, 73.5999, 87.8834

Monochromacy



Original Color

80.3696, 73.3926, 95.5182

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.2262, 75.0741, 87.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3696, 73.3926, 95.5182 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, 209, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 244)  
}
```

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, 209, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 244) }
```

Border

The CSS property to change the border of an element to XYZ 80.3696, 73.3926, 95.5182 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, 209, 244) }
```


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

```
.border{ border-color:rgb(255, 209, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3696, 73.3926, 95.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 244) }
```

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

```
.background{ background-color: rgb(255,  
209, 244) }
```

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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