

Converting Colors

XYZ(131.1128, 100.0000,
96.1772)

Have a look what the booklet for
XYZ(131.1128, 100.0000, 96.1772)
contains.

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Color

**XYZ(80.3136, 73.7640,
94.0093)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD2F2 |
| RGB | 255, 210, 242 |
| RGB Percent | 100%, 82%, 95% |
| CMY | 0.0000, 0.1764, 0.0510 |
| CMYK | 0.00, 0.18, 0.05, 0.00 |
| HSL | 317°, 100%, 91% |
| HSV | 317°, 18%, 100% |
| XYZ | 80.3136, 73.7640, 94.0093 |
| YIQ | 227.1030, 16.5480, 19.4920 |

Conversions

Conversions Part 2

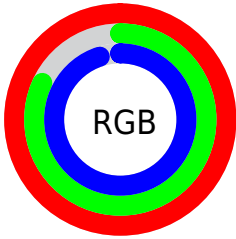
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 210, 242 |
| Decimal | 16765682 |
| CIE _{Lab} | 88.81, 20.93, -9.74 |
| CIE _{LCh} | 89, 23.084, 335.055 |
| Yxy | 73.7640, 0.3237, 0.2973 |
| Android (android.graphics.Color) | 4294955762 (0xFFFFD2F2) |
| YUV | 227.1030, 7.3442, 24.4657 |
| Hunter-Lab | 85.8860, 16.6183, -4.7776 |

Details

The XYZ color **80.3136, 73.7640, 94.0093** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6599, 90.5505, 83.3055**, and the grayscale version is **73.0300, 76.8332, 83.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8730, 38.9936, 51.6685** is the 20% darker color. If you saturate the color by 10%, you get **73.4284, 61.7286, 86.3654**, and if you desaturate by 10%, it is **88.2498, 87.8293, 102.2254**.

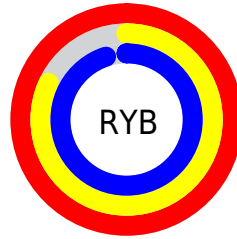
Distribution



Red (100%)

Green (82%)

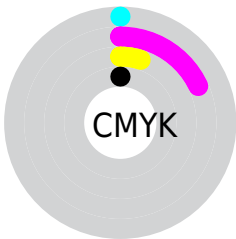
Blue (95%)



Red (100%)

Yellow (82%)

Blue (95%)

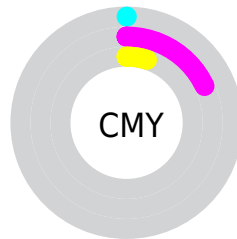


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3136, 73.7640, 94.0093 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 80.3136, 73.7640, 94.0093 by changing the saturation by 10% instead.

80.3136, 73.7640,
94.0093

80.3136, 73.7640,
94.0093

484.7095,
473.6585, 561.8916

60.2858, 54.6009,
70.7184

132.7548,
124.5612, 154.8790

43.8994, 39.0823,
51.6320

165.8988,
156.9641, 193.2948

30.7890, 26.8237,
36.3316

204.1457,
194.5491, 237.5893

20.5893, 17.4409,
24.3987

247.8607,
237.7005, 288.1811

12.9348, 10.5493,
15.4147

297.4093,
286.8027, 345.4887

7.4604, 5.7647,
8.9611

353.1567,

3.8005, 2.7025,

342.2402, 409.9306

4.6193

415.4683,
404.3973, 481.9254

■ 1.5899, 0.9785,
1.9709

■ 0.3858, 0.0000,
0.5373

■ 80.3136, 73.7640,
94.0093

■ 80.3136, 73.7640,
94.0093

■ 73.4284, 61.7286,
86.3654

■ 88.2498, 87.8293,
102.2254

■ 67.5413, 51.6191,
79.2705

95.0500, 100.0000,
108.9000

■ 62.6021, 43.3360,
72.7064

■ 58.5543, 36.7668,
66.6516

■ 55.3352, 31.7870,
61.0824

■ 52.8734, 28.2548,
55.9723

■ 51.0850, 26.0033,
51.2905

■ 49.8594, 24.8120,
46.9973

■ 49.6145, 24.6098,
46.0297

Harmonies

Analogous

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



76.4663, 73.7640, 108.2389



80.3136, 73.7640, 94.0093



81.3700, 73.7640, 77.6347

Triad

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



80.3136, 73.7640, 94.0093



69.1677, 73.7640, 53.3927



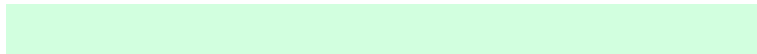
61.6757, 73.7640, 99.3239

Complementary

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



80.3136, 73.7640, 94.0093



75.6599, 90.5505, 83.3055

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.



59.9407, 73.7640, 83.0593



80.3136, 73.7640, 94.0093



64.1170, 73.7640, 57.6635

Square

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



80.3136, 73.7640, 94.0093



74.7414, 73.7640, 55.5161



60.8103, 73.7640, 68.0223



65.6749, 73.7640, 111.5818

Rectangle

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



80.3136, 73.7640, 94.0093



80.3040, 73.7640, 67.9741



60.8103, 73.7640, 68.0223



60.8183, 73.7640, 94.0691

Sweetspot

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



80.3153, 73.7670, 94.0109



90.5291, 91.8982, 104.4954



71.4538, 68.9651, 104.1533



19.2457, 19.4355, 22.2364



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.



80.3153, 73.7670, 94.0109



77.8901, 69.5068, 91.3831



77.1738, 72.5104, 77.4683



18.5558, 18.2056, 21.5441



25.9926, 12.8863, 24.4093



2.5782, 1.2737, 2.6263

Inverse Universe

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



80.3153, 73.7670, 94.0109



77.8901, 69.5068, 91.3831



78.8599, 91.8304, 100.1562



18.5558, 18.2056, 21.5441



25.9926, 12.8863, 24.4093



2.5782, 1.2737, 2.6263

Previews

White Background



This preview shows how the XYZ color 80.3136, 73.7640, 94.0093 looks on a white background.

Color Contrast Check

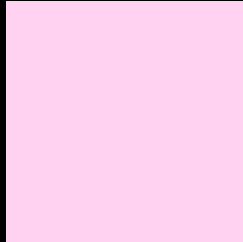
Large Text (above 18pt) WCAG AA × Fail

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 80.3136, 73.7640, 94.0093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

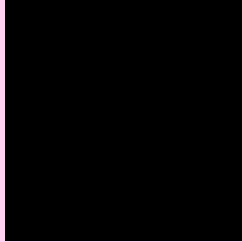
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3136, 73.7640, 94.0093

Background



This preview shows how black text looks on a background with the XYZ color 80.3136, 73.7640, 94.0093.



This preview shows how white text looks on a background with the XYZ color 80.3136, 73.7640,

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

80.3136, 73.7640, 94.0093

Protanopia

72.7354, 74.2977, 100.1299

Deuteranopia

75.6151, 73.9811, 93.5135



Tritanopia

78.1944, 73.6268, 84.2188

Trichromacy



Original Color

80.3136, 73.7640, 94.0093

Protanomaly

75.3102, 74.1203, 97.5261

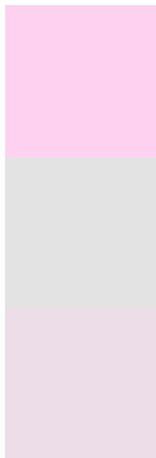
Deuteranomaly

77.2320, 73.6771, 93.3696

Tritanomaly

79.0186, 73.5999, 87.8834

Monochromacy



Original Color

80.3136, 73.7640, 94.0093

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3470, 75.5436, 86.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3136, 73.7640, 94.0093 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, 210, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 242)  
}
```

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, 210, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.3136, 73.7640, 94.0093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

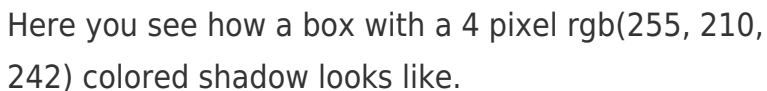
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 242) }
```


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

```
.border{ border-color:rgb(255, 210, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 242); box-shadow:4px 4px 4px 4px rgb(255, 210, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3136, 73.7640, 94.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 242) }
```

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

```
.background{ background-color: rgb(255,  
210, 242) }
```

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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