

Converting Colors

XYZ(81.2677, 75.8503, 93.7781)

Have a look what the booklet for XYZ(81.2677, 75.8503, 93.7781) contains.

- XYZ(81.1638, 75.7040, 93.5536) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(81.1638, 75.7040,
93.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F1
RGB	255, 214, 241
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1608, 0.0549
CMYK	0.00, 0.16, 0.05, 0.00
HSL	320°, 100%, 92%
HSV	320°, 16%, 100%
XYZ	81.1638, 75.7040, 93.5536
YIQ	229.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

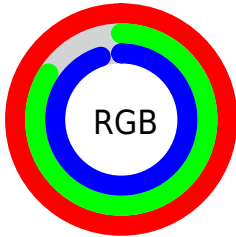
Format	Color
R_{YB}	255, 214, 241
Decimal	16766705
CIE Lab	89.72, 18.67, -7.86
CIE LCh	90, 20.253, 337.174
Yxy	75.7040, 0.3241, 0.3023
Android (android.graphics.Color)	4294956785 (0xFFFFD6F1)
YUV	229.3370, 5.7499, 22.5065
Hunter-Lab	87.0080, 14.2462, -2.8447

Details

The XYZ color **81.1638, 75.7040, 93.5536** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.4975, 91.4187, 86.9631**, and the grayscale version is **74.6766, 78.5656, 85.5580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4438, 40.3048, 51.3361** is the 20% darker color. If you saturate the color by 10%, you get **73.9387, 63.2858, 84.8812**, and if you desaturate by 10%, it is **89.4645, 90.1735, 102.8934**.

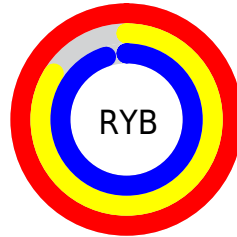
Distribution



Red (100%)

Green (84%)

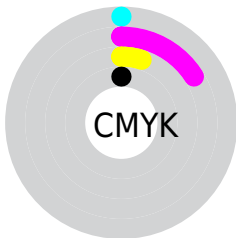
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

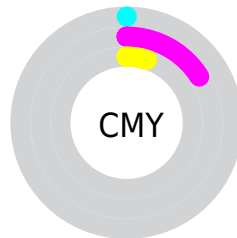


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1638, 75.7040, 93.5536 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 81.1638, 75.7040, 93.5536 by changing the saturation by 10% instead.


 81.1638, 75.7040,
93.5536

 81.1638, 75.7040,
93.5536

487.5233,
480.3338, 560.3897

 60.9883, 56.1898,
70.3415


133.9427,
127.3084, 154.2432

 44.4682, 40.3551,
51.3265


167.2768,
160.1674, 192.5577

 31.2382, 27.8155,
36.0900


205.7277,
198.2435, 236.7435

 20.9331, 18.1867,
24.2134

249.6609,
241.9211, 287.2190

 13.1873, 11.0841,
15.2784

299.4417,
291.5845, 344.4029

 7.6355, 6.1234,
8.8662

355.4355,

 3.9124, 2.9203,

347.6182, 408.7136

4.5584

418.0076,
410.4065, 480.5696

■ 1.6527, 1.0903,
1.9364

■ 0.4264, 0.0000,
0.5158

■ 81.1638, 75.7040,
93.5536

■ 81.1638, 75.7040,
93.5536

■ 73.9387, 63.2858,
84.8812

■ 89.4645, 90.1735,
102.8934

■ 67.7367, 52.8158,
76.8513

95.0500, 100.0000,
108.9000

■ 62.5078, 44.1955,
69.4440

■ 58.1961, 37.3141,
62.6363

■ 54.7395, 32.0491,
56.4028

■ 52.0678, 28.2616,
50.7156

■ 50.0991, 25.7893,
45.5426

■ 48.7317, 24.4305,
40.8452

■ 48.3007, 24.0843,
39.1111

Harmonies

Analogous

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



77.9082, 75.7040, 106.3167



81.1638, 75.7040, 93.5536



81.8988, 75.7040, 79.0451

Triad

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



81.1638, 75.7040, 93.5536



70.7630, 75.7040, 58.0632



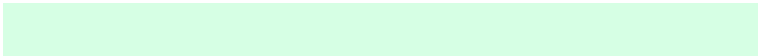
64.5776, 75.7040, 100.1698

Complementary

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



81.1638, 75.7040, 93.5536



77.4975, 91.4187, 86.9631

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.



62.8494, 75.7040, 85.9076



81.1638, 75.7040, 93.5536



66.3119, 75.7040, 62.4172

Square

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



81.1638, 75.7040, 93.5536



75.7407, 75.7040, 59.6099



63.4694, 75.7040, 72.2228



68.2964, 75.7040, 110.4342

Rectangle

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



81.1638, 75.7040, 93.5536



80.8310, 75.7040, 70.5070



63.4694, 75.7040, 72.2228



63.7527, 75.7040, 95.6239

Sweetspot

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



81.1654, 75.7070, 93.5552



90.4234, 91.8559, 103.9387



73.9885, 71.7562, 104.5585



19.2200, 19.4252, 22.1009



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.



81.1654, 75.7070, 93.5552



78.9436, 71.8678, 90.9512



78.3176, 74.5679, 78.5589



18.5136, 18.1888, 21.3219



25.3110, 12.6137, 20.8198



2.5157, 1.2487, 2.2971

Inverse Universe

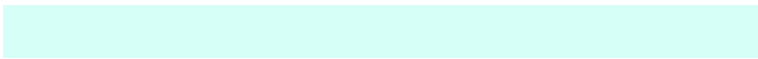
The Inverse Universe completely reimagines the original color for something new.



81.1654, 75.7070, 93.5552



78.9436, 71.8678, 90.9512



80.4626, 92.6047, 102.5770



18.5136, 18.1888, 21.3219



25.3110, 12.6137, 20.8198



2.5157, 1.2487, 2.2971

Previews

White Background



This preview shows how the XYZ color 81.1638, 75.7040, 93.5536 looks on a white background.

Color Contrast Check

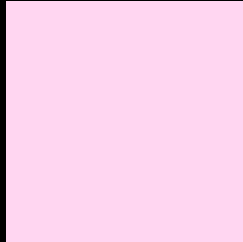
Large Text (above 18pt) WCAG AA × Fail

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 81.1638, 75.7040, 93.5536 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 81.1638, 75.7040, 93.5536

Background



This preview shows how black text looks on a background with the XYZ color 81.1638, 75.7040, 93.5536.



This preview shows how white text looks on a background with the XYZ color 81.1638, 75.7040,

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

81.1638, 75.7040, 93.5536

Protanopia

74.1846, 75.8740, 98.7309

Deuteranopia

77.3353, 75.6551, 92.9650



Tritanopia

79.7390, 75.4979, 86.7138

Trichromacy



Original Color

81.1638, 75.7040, 93.5536

Protanomaly

76.3356, 75.4411, 96.9245

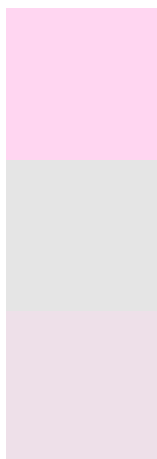
Deuteranomaly

78.5471, 75.5098, 92.8730

Tritanomaly

80.1689, 75.6699, 88.9777

Monochromacy



Original Color

81.1638, 75.7040, 93.5536

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.6235, 77.3716, 87.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1638, 75.7040, 93.5536 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, 214, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 241)  
}
```

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, 214, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.1638, 75.7040, 93.5536 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, 214, 241) }
```


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

```
.border{ border-color:rgb(255, 214, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1638, 75.7040, 93.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 241) }
```

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

```
.background{ background-color: rgb(255,  
214, 241) }
```

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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