

Converting Colors

XYZ(81.3123, 76.1327, 93.1974)

Have a look what the booklet for
XYZ(81.3123, 76.1327, 93.1974)
contains.

XYZ(81.2686, 76.1521, 92.8536)	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(81.2686, 76.1521,
92.8536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7F0
RGB	255, 215, 240
RGB Percent	100%, 84%, 94%
CMY	0.0000, 0.1568, 0.0588
CMYK	0.00, 0.16, 0.06, 0.00
HSL	323°, 100%, 92%
HSV	323°, 16%, 100%
XYZ	81.2686, 76.1521, 92.8536
YIQ	229.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

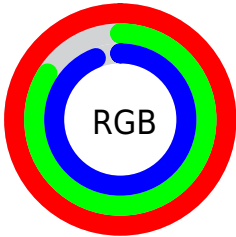
Format	Color
R_{YB}	255, 215, 240
Decimal	16766960
CIE _{Lab}	89.93, 17.97, -7.02
CIE _{LCh}	90, 19.296, 338.659
Yxy	76.1521, 0.3247, 0.3043
Android (android.graphics.Color)	4294957040 (0xFFFFD7F0)
YUV	229.8100, 5.0237, 22.0916
Hunter-Lab	87.2652, 13.5200, -2.0013

Details

The XYZ color **81.2686, 76.1521, 92.8536** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0696, 91.6814, 88.4477**, and the grayscale version is **75.0307, 78.9382, 85.9637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5112, 40.6081, 50.8395** is the 20% darker color. If you saturate the color by 10%, you get **73.8912, 63.6110, 83.5698**, and if you desaturate by 10%, it is **89.7363, 90.7532, 102.8723**.

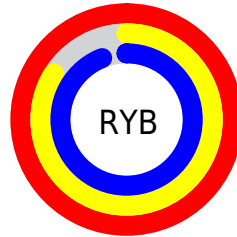
Distribution



Red (100%)

Green (84%)

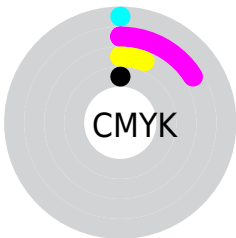
Blue (94%)



Red (100%)

Yellow (84%)

Blue (94%)

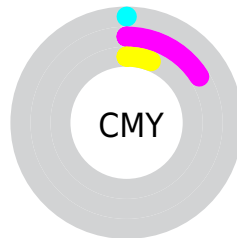


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2686, 76.1521, 92.8536 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 81.2686, 76.1521, 92.8536 by changing the saturation by 10% instead.


 81.2686, 76.1521,
92.8536

 81.2686, 76.1521,
92.8536


487.8696,
481.8682, 558.0783

 61.0749, 56.5572,
69.7628


134.0890,
127.9419, 153.2659

 44.5384, 40.6499,
50.8576


167.4465,
160.9056, 191.4244

 31.2937, 28.0456,
35.7194


205.9225,
199.0944, 235.4427

 20.9755, 18.3600,
23.9296

249.8826,
242.8926, 285.7392

 13.2185, 11.2088,
15.0697

299.6919,
292.6847, 342.7325

 7.6572, 6.2074,
8.7211

355.7160,

 3.9263, 2.9716,

348.8551, 406.8410

4.4654

418.3201,
411.7881, 478.4835

■ 1.6605, 1.1169,
1.8840

■ 0.4314, 0.0000,
0.4825

■ 81.2686, 76.1521,
92.8536

■ 81.2686, 76.1521,
92.8536

■ 73.8912, 63.6110,
83.5698

■ 89.7363, 90.7532,
102.8723

■ 67.5511, 53.0268,
74.9945

95.0500, 100.0000,
108.9000

■ 62.1983, 44.3013,
67.1064

■ 57.7768, 37.3240,
59.8808

■ 54.2244, 31.9726,
53.2910

■ 51.4710, 28.1091,
47.3074

■ 49.4350, 25.5721,
41.8963

■ 48.0153, 24.1617,
37.0175

■ 47.5302, 23.7761,
35.0537

Harmonies

Analogous

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



78.2654, 76.1521, 105.1791



81.2686, 76.1521, 92.8536



81.8367, 76.1521, 79.0227

Triad

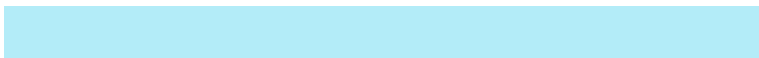
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2686, 76.1521, 92.8536



71.0075, 76.1521, 59.5541



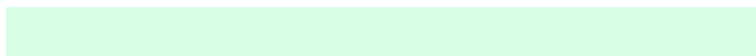
65.4482, 76.1521, 100.4415

Complementary

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



81.2686, 76.1521, 92.8536



78.0696, 91.6814, 88.4477

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.



63.6819, 76.1521, 86.9365



81.2686, 76.1521, 92.8536



66.7978, 76.1521, 64.0406

Square

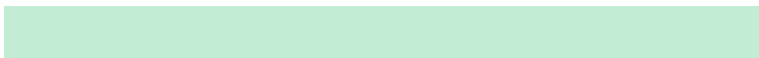
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



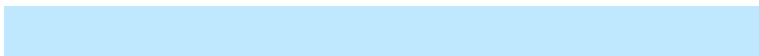
81.2686, 76.1521, 92.8536



75.7715, 76.1521, 60.7674



64.1649, 76.1521, 73.7153



69.0918, 76.1521, 109.8839

Rectangle

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



81.2686, 76.1521, 92.8536



80.7351, 76.1521, 70.9403



64.1649, 76.1521, 73.7153



64.6227, 76.1521, 96.1704

Sweetspot

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



81.2703, 76.1552, 92.8552



90.3562, 91.8290, 103.5847



74.8793, 72.5923, 104.6729



19.2036, 19.4187, 22.0147



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.



81.2703, 76.1552, 92.8552



78.7052, 71.7724, 89.6961



78.5051, 75.0491, 78.2936



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Inverse Universe

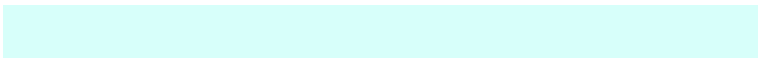
The Inverse Universe completely reimagines the original color for something new.



81.2703, 76.1552, 92.8552



78.7052, 71.7724, 89.6961



80.9892, 92.8492, 103.8224



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Previews

White Background



This preview shows how the XYZ color 81.2686, 76.1521, 92.8536 looks on a white background.

Color Contrast Check

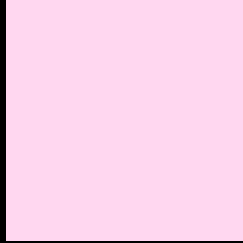
Large Text (above 18pt) WCAG AA × Fail

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 81.2686, 76.1521, 92.8536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

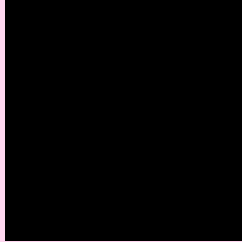
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2686, 76.1521, 92.8536

Background



This preview shows how black text looks on a background with the XYZ color 81.2686, 76.1521, 92.8536.



This preview shows how white text looks on a background with the XYZ color 81.2686, 76.1521,

92.8536.

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

81.2686, 76.1521, 92.8536

Protanopia

74.6111, 76.5118, 98.0246

Deuteranopia

78.1353, 76.4731, 92.3040



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

81.2686, 76.1521, 92.8536

Protanomaly

76.7777, 76.0774, 96.2257

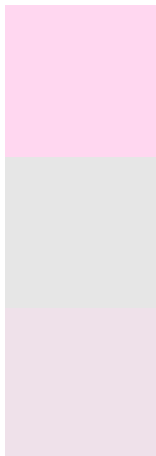
Deuteranomaly

79.0092, 76.1490, 92.1953

Tritanomaly

80.5692, 76.2387, 89.8260

Monochromacy



Original Color

81.2686, 76.1521, 92.8536

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.3731, 78.1417, 88.8468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2686, 76.1521, 92.8536 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, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 240)  
}
```

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, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.2686, 76.1521, 92.8536 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, 215, 240) }
```


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

```
.border{ border-color:rgb(255, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2686, 76.1521, 92.8536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 240) }
```

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

```
.background{ background-color: rgb(255,  
215, 240) }
```

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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