

Converting Colors

XYZ(82.1672, 76.1864, 98.5881)

Have a look what the booklet for
XYZ(82.1672, 76.1864, 98.5881)
contains.

XYZ(82.0751, 76.0685, 98.3526)	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(82.0751, 76.0685,
98.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F7
RGB	255, 214, 247
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1608, 0.0314
CMYK	0.00, 0.16, 0.03, 0.00
HSL	312°, 100%, 92%
HSV	312°, 16%, 100%
XYZ	82.0751, 76.0685, 98.3526
YIQ	230.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

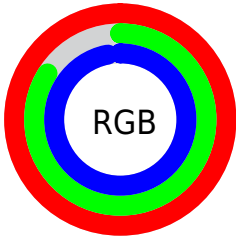
Format	Color
RYB	255, 214, 247
Decimal	16766711
CIELab	89.89, 19.71, -10.76
CIELCh	90, 22.452, 331.359
Yxy	76.0685, 0.3200, 0.2966
Android (android.graphics.Color)	4294956791 (0xFFFFD6F7)
YUV	230.0210, 8.3706, 21.9066
Hunter-Lab	87.2173, 15.3458, -5.8077

Details

The XYZ color **82.0751, 76.0685, 98.3526** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.6786, 91.0912, 82.6512**, and the grayscale version is **75.1637, 79.0781, 86.1160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0908, 40.5636, 54.7432** is the 20% darker color. If you saturate the color by 10%, you get **75.3624, 63.8553, 92.3782**, and if you desaturate by 10%, it is **89.8218, 90.3163, 104.7749**.

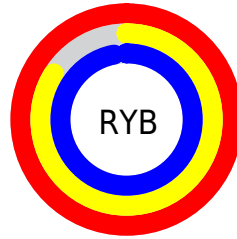
Distribution



Red (100%)

Green (84%)

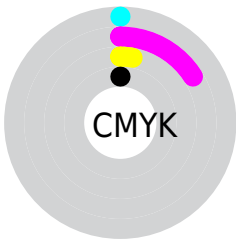
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

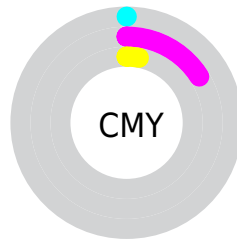


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0751, 76.0685, 98.3526 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 82.0751, 76.0685, 98.3526 by changing the saturation by 10% instead.

82.0751, 76.0685,
98.3526

82.0751, 76.0685,
98.3526

490.5296,
481.5822, 576.0994

61.7418, 56.4887,
74.3162

135.2146,
127.8237, 160.9235

45.0789, 40.5949,
54.5546

168.7514,
160.7679, 200.2951

31.7211, 28.0027,
38.6490

207.4202,
198.9357, 245.6156

21.3031, 18.3277,
26.1811

251.5862,
242.7115, 297.3035

13.4594, 11.1855,
16.7322

301.6147,
292.4796, 355.7772

7.8248, 6.1917,
9.8838

357.8712,

4.0339, 2.9620,

348.6245, 421.4554

5.2174

420.7211,
411.5305, 494.7567

■ 1.7214, 1.1119,
2.3144

■ 0.4696, 0.0000,
0.7393

■ 82.0751, 76.0685,
98.3526

■ 82.0751, 76.0685,
98.3526

■ 75.3624, 63.8553,
92.3782

■ 89.8218, 90.3163,
104.7749

■ 69.6317, 53.5738,
86.8303

95.0500, 100.0000,
108.9000

■ 64.8339, 45.1259,
81.6930

■ 60.9137, 38.4012,
76.9469

■ 57.8098, 33.2772,
72.5709

■ 55.4528, 29.6156,
68.5410

■ 53.7616, 27.2543,
64.8292

■ 52.6353, 25.9919,
61.4013

■ 52.2892, 25.6797,
60.1140

Harmonies

Analogous

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



77.9967, 76.0685, 111.7553



82.0751, 76.0685, 98.3526



83.5007, 76.0685, 82.1030

Triad

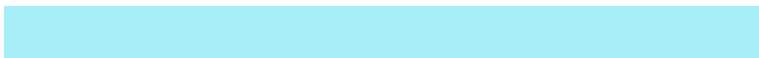
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0751, 76.0685, 98.3526



72.0480, 76.0685, 55.8789



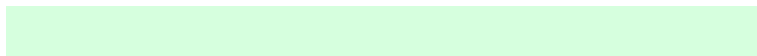
63.5671, 76.0685, 99.7671

Complementary

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



82.0751, 76.0685, 98.3526



76.6786, 91.0912, 82.6512

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.



62.1501, 76.0685, 83.5526



82.0751, 76.0685, 98.3526



66.8892, 76.0685, 59.3764

Square

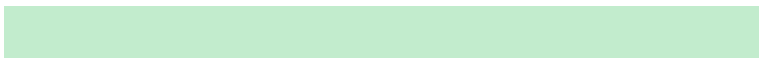
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



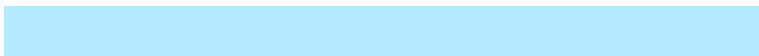
82.0751, 76.0685, 98.3526



77.5365, 76.0685, 58.7977



63.3351, 76.0685, 69.0254



67.3063, 76.0685, 112.6426

Rectangle

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



82.0751, 76.0685, 98.3526



82.6999, 76.0685, 72.1874



63.3351, 76.0685, 69.0254



62.8122, 76.0685, 94.4610

Sweetspot

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



82.0767, 76.0715, 98.3542



90.7186, 91.9740, 105.4930



72.0758, 70.7701, 104.4689



19.2919, 19.4540, 22.4794



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.



82.0767, 76.0715, 98.3542



80.0090, 72.2939, 96.5616



79.1514, 74.9014, 82.9495



18.6318, 18.2360, 21.9441



27.3761, 13.4397, 31.6945



2.7026, 1.3234, 3.2811

Inverse Universe

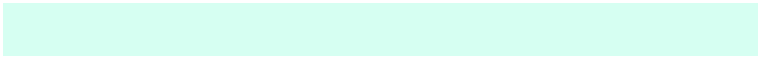
The Inverse Universe completely reimagines the original color for something new.



82.0767, 76.0715, 98.3542



80.0090, 72.2939, 96.5616



79.5230, 92.2289, 97.6296



18.6318, 18.2360, 21.9441



27.3761, 13.4397, 31.6945



2.7026, 1.3234, 3.2811

Previews

White Background



This preview shows how the XYZ color 82.0751, 76.0685, 98.3526 looks on a white background.

Color Contrast Check

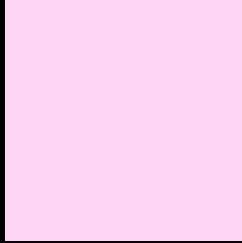
Large Text (above 18pt) WCAG AA × Fail

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 82.0751, 76.0685, 98.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

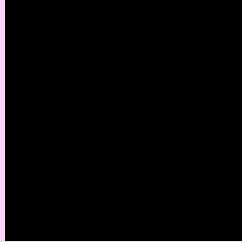
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0751, 76.0685, 98.3526

Background



This preview shows how black text looks on a background with the XYZ color 82.0751, 76.0685, 98.3526.



This preview shows how white text looks on a background with the XYZ color 82.0751, 76.0685,

98.3526.

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

82.0751, 76.0685, 98.3526

Protanopia

74.9388, 76.5358, 104.5891

Deuteranopia

77.8244, 76.1909, 97.7933



Tritanopia

79.7719, 75.8776, 87.5322

Trichromacy



Original Color

82.0751, 76.0685, 98.3526

Protanomaly

77.2007, 76.1704, 101.9002

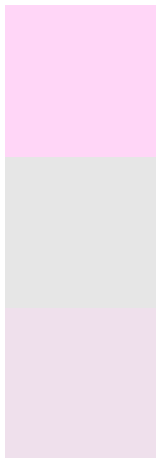
Deuteranomaly

79.3621, 76.2091, 97.7158

Tritanomaly

80.6061, 75.8448, 91.2800

Monochromacy



Original Color

82.0751, 76.0685, 98.3526

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.3926, 77.7182, 90.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0751, 76.0685, 98.3526 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.0751, 76.0685, 98.3526 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, 247) }
```


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

```
.border{ border-color:rgb(255, 214, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0751, 76.0685, 98.3526 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
214, 247) }
```

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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