

# Converting Colors

XYZ(76.4897, 66.7105, 92.8788)

Have a look what the booklet for  
XYZ(76.4897, 66.7105, 92.8788)  
contains.

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# Color

**XYZ(76.4152, 66.5118,  
92.8150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FEC3F2</a>
RGB	<a href="#">254, 195, 242</a>
RGB Percent	<a href="#">100%, 76%, 95%</a>
CMY	<a href="#">0.0039, 0.2353, 0.0510</a>
CMYK	<a href="#">0.00, 0.23, 0.05, 0.00</a>
HSL	<a href="#">312°, 97%, 88%</a>
HSV	<a href="#">312°, 23%, 100%</a>
XYZ	<a href="#">76.4152, 66.5118, 92.8150</a>
YIQ	<a href="#">217.9990, 20.0770, 27.1250</a>

# Conversions

## Conversions Part 2

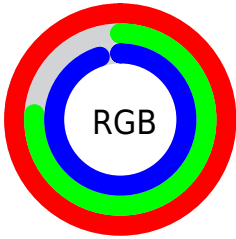
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">254, 195, 242</a>
Decimal	<a href="#">16696306</a>
CIELab	<a href="#">85.26, 28.47, -15.05</a>
CIELCh	<a href="#">85, 32.208, 332.136</a>
Yxy	<a href="#">66.5118, 0.3241, 0.2821</a>
Android (android.graphics.Color)	<a href="#">4294886386</a> ( <a href="#">0xFFFE3F2</a> )
YUV	<a href="#">217.9990, 11.8325, 31.5729</a>
Hunter-Lab	<a href="#">81.5548, 24.5301, -10.3878</a>

# Details

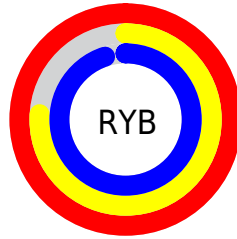
The XYZ color **76.4152, 66.5118, 92.8150** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2126, 86.9928, 72.1787**, and the grayscale version is **66.5529, 70.0188, 76.2505**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **41.4138, 34.4652, 50.9241** is the 20% darker color. If you saturate the color by 10%, you get **70.4364, 55.7776, 87.0479**, and if you desaturate by 10%, it is **83.3879, 79.1966, 99.0230**.

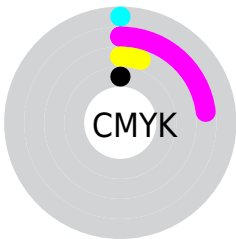
# Distribution



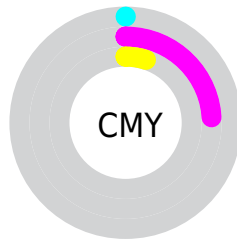
- Red (100%)
- Green (76%)
- Blue (95%)



- Red (100%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4152, 66.5118, 92.8150 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 76.4152, 66.5118, 92.8150 by changing the saturation by 10% instead.





 76.4152, 66.5118,  
92.8150

 76.4152, 66.5118,  
92.8150


471.6904,  
448.2050, 557.9507

 57.0713, 48.6880,  
69.7309


 127.2909,  
114.2206, 153.2119

 41.3028, 34.3720,  
50.8318

159.5533,  
144.8744, 191.3619

 28.7445, 23.1796,  
35.6989


196.8527,  
180.5736, 235.3709

 19.0309, 14.7261,  
23.9139

239.5543,  
221.7026, 285.6575

 11.7968, 8.6274,  
15.0582

288.0235,  
268.6459, 342.6403

 6.6767, 4.4990,  
8.7131

342.6257,

 3.3052, 1.9564,

321.7878, 406.7377

4.4603

403.7262,  
381.5127, 478.3683

■ 1.3172, 0.5820,  
1.8811

■ 0.1960, 0.0000,  
0.4807

■ 76.4152, 66.5118,  
92.8150

■ 76.4152, 66.5118,  
92.8150

■ 70.4364, 55.7776,  
87.0479

■ 83.3879, 79.1966,  
99.0230

■ 65.3964, 46.8872,  
81.7003

■ 91.3942, 93.9142,  
105.6839

■ 61.2437, 39.7370,  
76.7549

94.6836, 99.8111,  
108.8829

■ 57.9194, 34.2094,  
72.1911

■ 55.3575, 30.1725,  
67.9860

■ 53.4813, 27.4735,  
64.1132

■ 52.1978, 25.9266,  
60.5407

■ 51.5741, 25.3513,  
58.2606

# Harmonies

## Analogous

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



70.9583, 66.5118, 111.9396



76.4152, 66.5118, 92.8150



78.2601, 66.5118, 70.9362

# Triad

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



76.4152, 66.5118, 92.8150



62.6972, 66.5118, 39.2963



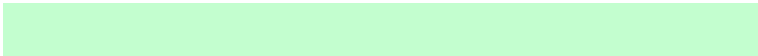
52.0914, 66.5118, 95.9021

# Complementary

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



76.4152, 66.5118, 92.8150



69.2126, 86.9928, 72.1787

# 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.



50.2376, 66.5118, 73.9245



76.4152, 66.5118, 92.8150



56.0611, 66.5118, 43.5052

# Square

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



76.4152, 66.5118, 92.8150



69.9868, 66.5118, 42.4501



51.6342, 66.5118, 55.2556



56.8994, 66.5118, 113.9490



# Rectangle

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



76.4152, 66.5118, 92.8150



77.0878, 66.5118, 58.3422



51.6342, 66.5118, 55.2556



51.1195, 66.5118, 88.5978

# Sweetspot

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



76.4172, 66.5147, 92.8164



89.0385, 88.9036, 104.0395



63.0836, 59.4259, 101.9127



18.9523, 18.8347, 22.1813



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.



76.4172, 66.5147, 92.8164



74.0966, 61.6947, 90.8127



72.3627, 64.8930, 71.4659



18.6250, 18.2333, 21.9085



27.2448, 13.3872, 31.0035



2.6909, 1.3187, 3.2196



# Inverse Universe

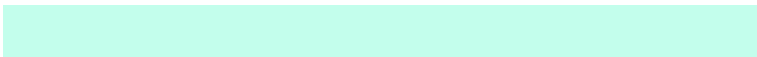
The Inverse Universe completely reimagines the original color for something new.



76.4172, 66.5147, 92.8164



74.0966, 61.6947, 90.8127



73.1338, 88.5612, 92.8272



18.6250, 18.2333, 21.9085



27.2448, 13.3872, 31.0035



2.6909, 1.3187, 3.2196



# Previews

## White Background



This preview shows how the XYZ color 76.4152, 66.5118, 92.8150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

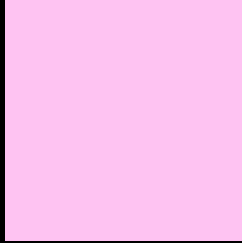
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4152, 66.5118, 92.8150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

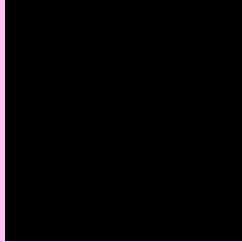
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 76.4152, 66.5118, 92.8150

## Background



This preview shows how black text looks on a background with the XYZ color 76.4152, 66.5118, 92.8150.



This preview shows how white text looks on a background with the XYZ color 76.4152, 66.5118,

92.8150.

# 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

76.4152, 66.5118, 92.8150

### Protanopia

66.2007, 66.6595, 102.3059

### Deuteranopia

68.4083, 66.9326, 91.7519



## Tritanopia

72.3444, 66.5388, 73.3203

# Trichromacy



## Original Color

76.4152, 66.5118, 92.8150



## Protanomaly

69.3616, 66.1902, 98.7428



## Deuteranomaly

71.1648, 66.5552, 92.3147



## Tritanomaly

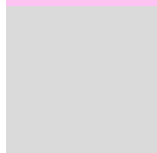
73.5684, 66.3336, 80.1604

# Monochromacy



## Original Color

76.4152, 66.5118, 92.8150



## Achromatopsia

66.6397, 70.1102, 76.3500



## Achromatomaly

69.8667, 68.6282, 82.2372

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4152, 66.5118, 92.8150 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(254, 195, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 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(254, 195, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4152, 66.5118, 92.8150 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(254, 195, 242) }
```



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

```
.border{ border-color:rgb(254, 195, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4152, 66.5118, 92.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 242) }
```

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

```
.background{ background-color: rgb(254,  
195, 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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