

Converting Colors

XYZ(76.7407, 72.7325, 94.2735)

Have a look what the booklet for
XYZ(76.7407, 72.7325, 94.2735)
contains.

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Color

**XYZ(76.5326, 72.5525,
93.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D4F2
RGB	243, 212, 242
RGB Percent	95%, 83%, 95%
CMY	0.0471, 0.1686, 0.0510
CMYK	0.00, 0.13, 0.00, 0.05
HSL	302°, 56%, 89%
HSV	302°, 13%, 95%
XYZ	76.5326, 72.5525, 93.9747
YIQ	224.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

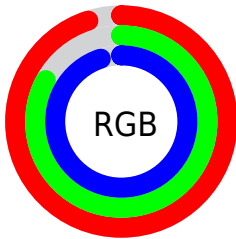
Format	Color
R_{YB}	243, 212, 242
Decimal	15979762
CIE _{Lab}	88.23, 15.88, -10.71
CIE _{LCh}	88, 19.152, 326.011
Yxy	72.5525, 0.3149, 0.2985
Android (android.graphics.Color)	4294169842 (0xFFFF3D4F2)
YUV	224.6890, 8.5343, 16.0587
Hunter-Lab	85.1778, 11.3220, -5.7889

Details

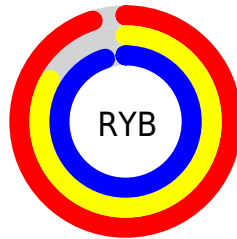
The XYZ color **76.5326, 72.5525, 93.9747** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2150, 82.9043, 75.2033**, and the grayscale version is **71.2829, 74.9951, 81.6697**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4134, 38.2239, 51.6496** is the 20% darker color. If you saturate the color by 10%, you get **70.7927, 61.2596, 91.4825**, and if you desaturate by 10%, it is **83.1915, 85.6802, 96.7774**.

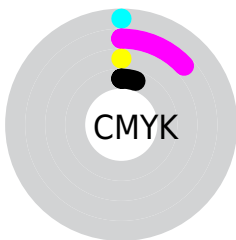
Distribution



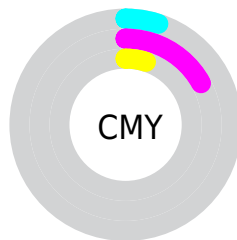
- Red (95%)
- Green (83%)
- Blue (95%)



- Red (95%)
- Yellow (83%)
- Blue (95%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5326, 72.5525, 93.9747 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 76.5326, 72.5525, 93.9747 by changing the saturation by 10% instead.

76.5326, 72.5525,
93.9747

76.5326, 72.5525,
93.9747

472.0853,
469.4624, 561.7776

57.1679, 53.6101,
70.6897

127.4558,
122.8417, 154.8307

41.3807, 38.2901,
51.6088

159.7451,
154.9574, 193.2389

28.8057, 26.2079,
36.3132

197.0733,
192.2329, 237.5251

19.0774, 16.9792,
24.3846

239.8058,
235.0526, 288.1081

11.8306, 10.2197,
15.4043

288.3078,
283.8011, 345.4063

6.6998, 5.5449,
8.9539

342.9449,

3.3197, 2.5704,

338.8626, 409.8383

4.6147

404.0823,
400.6216, 481.8225

■ 1.3250, 0.9118,
1.9683

■ 0.2018, 0.0000,
0.5357

■ 76.5326, 72.5525,
93.9747

■ 76.5326, 72.5525,
93.9747

■ 70.7927, 61.2596,
91.4825

■ 83.1915, 85.6802,
96.7774

■ 65.9246, 51.7106,
89.2825

■ 88.9864, 97.0804,
99.2938

■ 61.8866, 43.8211,
87.3618

■ 89.1055, 97.1281,
99.9207

■ 58.6312, 37.4960,
85.7043

■ 89.2250, 97.1759,
100.5503

■ 56.1061, 32.6306,
84.2928

■ 89.3451, 97.2239,
101.1826

■ 54.2524, 29.1072,
83.1075

■ 89.4657, 97.2721,
101.8175

■ 53.0022, 26.7901,
82.1260

■ 89.5867, 97.3206,
102.4551

■ 52.2736, 25.5152,
81.3207

■ 89.7083, 97.3692,
103.0954

■ 51.9813, 25.0624,
80.8174

■ 89.8304, 97.4181,
103.7384

Harmonies

Analogous

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



72.8992, 72.5525, 103.9393



76.5326, 72.5525, 93.9747



78.1359, 72.5525, 80.7675

Triad

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



76.5326, 72.5525, 93.9747



69.5743, 72.5525, 56.3855



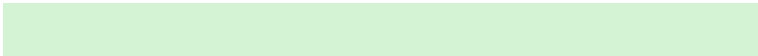
61.3331, 72.5525, 90.5991

Complementary

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



76.5326, 72.5525, 93.9747



71.2150, 82.9043, 75.2033

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.



60.5302, 72.5525, 77.2532



76.5326, 72.5525, 93.9747



65.1634, 72.5525, 58.4034

Square

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



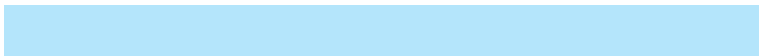
76.5326, 72.5525, 93.9747



74.0075, 72.5525, 59.8519



61.9022, 72.5525, 65.7024



64.1454, 72.5525, 101.8437

Rectangle

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



76.5326, 72.5525, 93.9747



77.7879, 72.5525, 72.2339



61.9022, 72.5525, 65.7024



60.8247, 72.5525, 86.1703

Sweetspot

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



76.5347, 72.5556, 93.9763



91.8290, 93.6427, 107.5652



67.0250, 67.6358, 94.3175



19.5296, 19.7957, 22.9710



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.



76.5347, 72.5556, 93.9763



83.8404, 77.8977, 104.1864



74.3709, 71.6901, 82.5814



17.1892, 16.7585, 20.7428



28.5391, 13.7591, 44.4087



2.5154, 1.2121, 3.9407

Inverse Universe

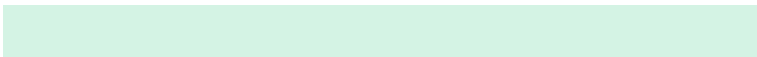
The Inverse Universe completely reimagines the original color for something new.



76.5347, 72.5556, 93.9763



83.8404, 77.8977, 104.1864



73.2104, 83.7024, 85.7110



17.1892, 16.7585, 20.7428



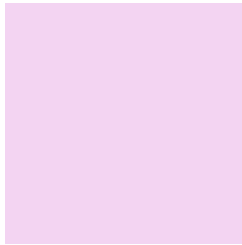
28.5391, 13.7591, 44.4087



2.5154, 1.2121, 3.9407

Previews

White Background



This preview shows how the XYZ color 76.5326, 72.5525, 93.9747 looks on a white background.

Color Contrast Check

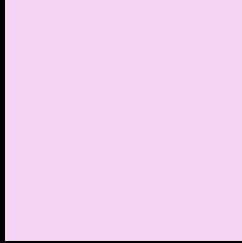
Large Text (above 18pt) WCAG AA × Fail

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 76.5326, 72.5525, 93.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

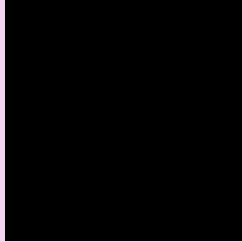
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5326, 72.5525, 93.9747

Background



This preview shows how black text looks on a background with the XYZ color 76.5326, 72.5525, 93.9747.



This preview shows how white text looks on a background with the XYZ color 76.5326, 72.5525,

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

76.5326, 72.5525, 93.9747

Protanopia

71.2951, 72.8072, 98.2912

Deuteranopia

74.1093, 72.4442, 93.2962



Tritanopia

74.7460, 72.5634, 85.6679

Trichromacy



Original Color

76.5326, 72.5525, 93.9747

Protanomaly

72.9728, 72.5492, 96.5435

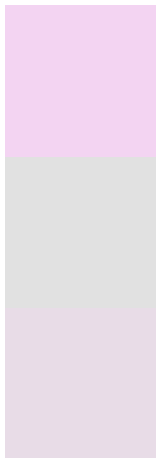
Deuteranomaly

74.8488, 72.4485, 93.2581

Tritanomaly

75.4076, 72.4639, 88.6098

Monochromacy



Original Color

76.5326, 72.5525, 93.9747

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2957, 74.1117, 86.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5326, 72.5525, 93.9747 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(243, 212, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 212, 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(243, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 212, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.5326, 72.5525, 93.9747 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(243, 212, 242) }
```


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

```
.border{ border-color:rgb(243, 212, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 212, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 212,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5326, 72.5525, 93.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 212, 242) }
```

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

```
.background{ background-color: rgb(243,  
212, 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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