

Converting Colors

XYZ(77.7818, 74.2711, 95.8577)

Have a look what the booklet for
XYZ(77.7818, 74.2711, 95.8577)
contains.

XYZ(77.9378, 74.3656, 95.8342)	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(77.9378, 74.3656,
95.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7F4
RGB	244, 215, 244
RGB Percent	96%, 84%, 96%
CMY	0.0431, 0.1568, 0.0431
CMYK	0.00, 0.12, 0.00, 0.04
HSL	300°, 57%, 90%
HSV	300°, 12%, 96%
XYZ	77.9378, 74.3656, 95.8342
YIQ	226.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

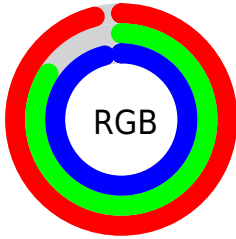
Format	Color
R_{YB}	244, 215, 244
Decimal	16046068
CIE _{Lab}	89.09, 15.00, -10.47
CIE _{LCh}	89, 18.291, 325.081
Yxy	74.3656, 0.3141, 0.2997
Android (android.graphics.Color)	4294236148 (0xFFFF4D7F4)
YUV	226.9770, 8.3923, 14.9292
Hunter-Lab	86.2355, 10.4124, -5.5246

Details

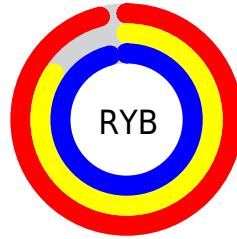
The XYZ color **77.9378, 74.3656, 95.8342** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6436, 84.0569, 76.6897**, and the grayscale version is **72.9357, 76.7340, 83.5633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3869, 39.4638, 52.9602** is the 20% darker color. If you saturate the color by 10%, you get **72.1830, 62.8548, 93.9167**, and if you desaturate by 10%, it is **84.6236, 87.7360, 98.0638**.

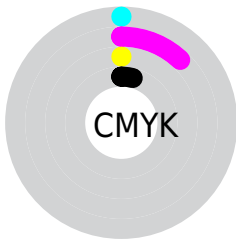
Distribution



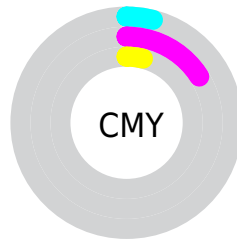
- Red (96%)
- Green (84%)
- Blue (96%)



- Red (96%)
- Yellow (84%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9378, 74.3656, 95.8342 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 77.9378, 74.3656, 95.8342 by changing the saturation by 10% instead.

77.9378, 74.3656,
95.8342

77.9378, 74.3656,
95.8342

476.7986,
475.7342, 567.8846

58.3255, 55.0933,
72.2288

129.4283,
125.4139, 157.4221

42.3147, 39.4764,
52.8576

162.0371,
157.9588, 196.2416

29.5399, 27.1306,
37.3021

199.7089,
195.6966, 240.9695

19.6360, 17.6713,
25.1439

242.8089,
239.0118, 292.0244

12.2374, 10.7143,
15.9643

291.7025,
288.2888, 349.8248

6.9789, 5.8750,
9.3448

346.7551,

3.4952, 2.7692,

343.9119, 414.7893

4.8669

408.3320,
406.2656, 487.3364

■ 1.4207, 1.0125,
2.1120

■ 0.2709, 0.0000,
0.6229

■ 77.9378, 74.3656,
95.8342

■ 77.9378, 74.3656,
95.8342

■ 72.1830, 62.8548,
93.9167

■ 84.6236, 87.7360,
98.0638

■ 67.3116, 53.1122,
92.2927

■ 89.3982, 97.2852,
99.6555

■ 63.2821, 45.0531,
90.9494

■ 89.3982, 97.2852,
99.6557

■ 60.0466, 38.5822,
89.8707

■ 89.3983, 97.2852,
99.6558

57.5528, 33.5946,
89.0393

89.3983, 97.2852,
99.6560

55.7418, 29.9728,
88.4355

89.3983, 97.2852,
99.6562

54.5462, 27.5817,
88.0368

89.3984, 97.2852,
99.6563

53.8846, 26.2585,
87.8162

89.3984, 97.2852,
99.6565

53.6379, 25.7650,
87.7338

89.3984, 97.2852,
99.6566

Harmonies

Analogous

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



74.3742, 74.3656, 105.2725



77.9378, 74.3656, 95.8342



79.5605, 74.3656, 83.0922

Triad

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



77.9378, 74.3656, 95.8342



71.4189, 74.3656, 58.9156



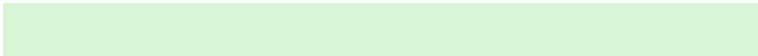
63.2078, 74.3656, 91.8171

Complementary

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



77.9378, 74.3656, 95.8342



72.6436, 84.0569, 76.6897

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.



62.4904, 74.3656, 78.8872



77.9378, 74.3656, 95.8342



67.1146, 74.3656, 60.7314

Square

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



77.9378, 74.3656, 95.8342



75.6974, 74.3656, 62.4835



63.8916, 74.3656, 67.7309



65.8937, 74.3656, 102.7879

Rectangle

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



77.9378, 74.3656, 95.8342



79.2758, 74.3656, 74.7575



63.8916, 74.3656, 67.7309



62.7333, 74.3656, 87.5206

Sweetspot

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



77.9400, 74.3688, 95.8358



91.8819, 93.6639, 107.8439



68.6572, 69.5834, 95.4016



19.5431, 19.8010, 23.0419



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.



77.9400, 74.3688, 95.8358



84.6998, 79.2997, 105.4497



75.8239, 73.5224, 84.6928



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7041



2.5633, 1.2313, 4.1927

Inverse Universe

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



77.9400, 74.3688, 95.8358



84.6998, 79.2997, 105.4497



74.5904, 84.8356, 86.9415



17.2137, 16.7683, 20.8719



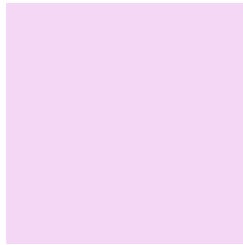
29.1649, 14.0094, 47.7041



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 77.9378, 74.3656, 95.8342 looks on a white background.

Color Contrast Check

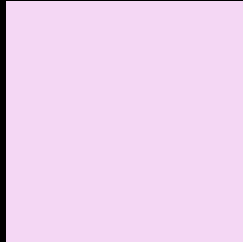
Large Text (above 18pt) WCAG AA × Fail

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 77.9378, 74.3656, 95.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

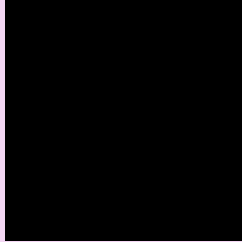
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9378, 74.3656, 95.8342

Background



This preview shows how black text looks on a background with the XYZ color 77.9378, 74.3656, 95.8342.



This preview shows how white text looks on a background with the XYZ color 77.9378, 74.3656,

95.8342.

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

77.9378, 74.3656, 95.8342

Protanopia

73.0390, 74.4543, 100.1441

Deuteranopia

76.1741, 74.6184, 95.1820



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

77.9378, 74.3656, 95.8342

Protanomaly

74.4331, 74.0364, 98.3631

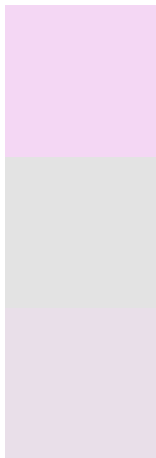
Deuteranomaly

76.9257, 74.6220, 95.1431

Tritanomaly

76.9506, 74.3395, 91.1821

Monochromacy



Original Color

77.9378, 74.3656, 95.8342

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6999, 75.9822, 87.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9378, 74.3656, 95.8342 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(244, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 244)  
}
```

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(244, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.9378, 74.3656, 95.8342 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(244, 215, 244) }
```


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

```
.border{ border-color:rgb(244, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9378, 74.3656, 95.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 244) }
```

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

```
.background{ background-color: rgb(244,  
215, 244) }
```

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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