

Converting Colors

XYZ(77.5956, 74.9483, 94.1049)

Have a look what the booklet for
XYZ(77.5956, 74.9483, 94.1049)
contains.

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Color

**XYZ(77.8020, 75.0912,
94.3978)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3D9F2 |
| RGB | 243, 217, 242 |
| RGB Percent | 95%, 85%, 95% |
| CMY | 0.0471, 0.1490, 0.0510 |
| CMYK | 0.00, 0.11, 0.00, 0.05 |
| HSL | 302°, 52%, 90% |
| HSV | 302°, 11%, 95% |
| XYZ | 77.8020, 75.0912, 94.3978 |
| YIQ | 227.6240, 7.4710, 13.2870 |

Conversions

Conversions Part 2

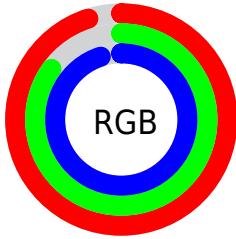
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 243, 217, 242 |
| Decimal | 15981042 |
| CIE Lab | 89.44, 13.26, -8.92 |
| CIE LCh | 89, 15.979, 326.066 |
| Yxy | 75.0912, 0.3146, 0.3037 |
| Android (android.graphics.Color) | 4294171122 (0xFFFF3D9F2) |
| YUV | 227.6240, 7.0874, 13.4848 |
| Hunter-Lab | 86.6552, 8.6169, -3.9289 |

Details

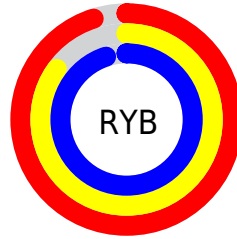
The XYZ color **77.8020, 75.0912, 94.3978** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3236, 83.9169, 78.6667**, and the grayscale version is **73.4161, 77.2395, 84.1138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2768, 39.9506, 51.9374** is the 20% darker color. If you saturate the color by 10%, you get **71.8547, 63.4196, 91.7252**, and if you desaturate by 10%, it is **84.6766, 88.6140, 97.3849**.

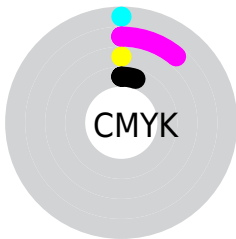
Distribution



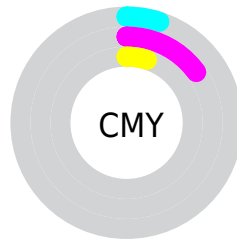
- Red (95%)
- Green (85%)
- Blue (95%)



- Red (95%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8020, 75.0912, 94.3978 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 77.8020, 75.0912, 94.3978 by changing the saturation by 10% instead.

77.8020, 75.0912,
94.3978

77.8020, 75.0912,
94.3978

476.3442,
478.2310, 563.1703

58.2136, 55.6876,
71.0397

129.2378,
126.4415, 155.4208

42.2243, 39.9525,
51.8926

161.8159,
159.1569, 193.9228

29.4688, 27.5015,
36.5378

199.4546,
197.0784, 238.3099

19.5818, 17.9502,
24.5569

242.5192,
240.5904, 289.0006

12.1979, 10.9143,
15.5312

291.3751,
290.0773, 346.4135

6.9518, 6.0092,
9.0423

346.3877,

3.4780, 2.8507,

345.9234, 410.9670

4.6716

407.9223,
408.5132, 483.0798

■ 1.4113, 1.0543,
2.0005

■ 0.2643, 0.0000,
0.5556

■ 77.8020, 75.0912,
94.3978

■ 77.8020, 75.0912,
94.3978

■ 71.8547, 63.4196,
91.7252

■ 84.6766, 88.6140,
97.3849

■ 66.7880, 53.5092,
89.3487

■ 89.0323, 97.0988,
99.5349

■ 62.5609, 45.2770,
87.2557

■ 89.1745, 97.1557,
100.2841

■ 59.1268, 38.6295,
85.4305

■ 89.3175, 97.2129,
101.0370

■ 56.4344, 33.4642,
83.8560

■ 89.4612, 97.2704,
101.7938

■ 54.4263, 29.6664,
82.5132

■ 89.6057, 97.3281,
102.5543

■ 53.0369, 27.1050,
81.3801

■ 89.7508, 97.3862,
103.3187

■ 52.1877, 25.6227,
80.4306

■ 89.8967, 97.4446,
104.0869

■ 51.7640, 24.9755,
79.6726

■ 90.0433, 97.5032,
104.8589

Harmonies

Analogous

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



74.7313, 75.0912, 102.6987



77.8020, 75.0912, 94.3978



79.1490, 75.0912, 83.2498

Triad

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



77.8020, 75.0912, 94.3978



71.8897, 75.0912, 62.0829



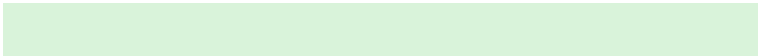
64.8207, 75.0912, 91.6059

Complementary

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



77.8020, 75.0912, 94.3978



73.3236, 83.9169, 78.6667

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.



64.1217, 75.0912, 80.2911



77.8020, 75.0912, 94.3978



68.1148, 75.0912, 63.8829

Square

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



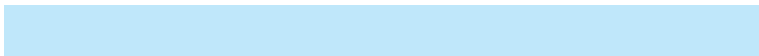
77.8020, 75.0912, 94.3978



75.6576, 75.0912, 65.1461



65.3063, 75.0912, 70.3065



67.2513, 75.0912, 100.9862

Rectangle

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



77.8020, 75.0912, 94.3978



78.8534, 75.0912, 75.9388



65.3063, 75.0912, 70.3065



64.3793, 75.0912, 87.8745

Sweetspot

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



77.8042, 75.0945, 94.3994



92.6105, 95.1969, 107.8532



69.8674, 70.9855, 94.8144



19.6864, 20.1083, 23.0263



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.



77.8042, 75.0945, 94.3994



85.1668, 80.5610, 104.5959



75.9390, 74.3484, 84.5774



17.1845, 16.7566, 20.7180



28.4216, 13.7121, 43.7901



2.5064, 1.2085, 3.8932

Inverse Universe

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



77.8042, 75.0945, 94.3994



85.1668, 80.5610, 104.5959



75.0735, 84.6169, 87.8811



17.1845, 16.7566, 20.7180



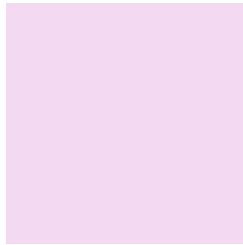
28.4216, 13.7121, 43.7901



2.5064, 1.2085, 3.8932

Previews

White Background



This preview shows how the XYZ color 77.8020, 75.0912, 94.3978 looks on a white background.

Color Contrast Check

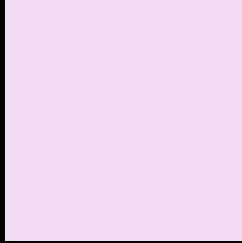
Large Text (above 18pt) WCAG AA × Fail

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 77.8020, 75.0912, 94.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

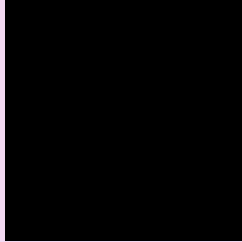
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8020, 75.0912, 94.3978

Background



This preview shows how black text looks on a background with the XYZ color 77.8020, 75.0912, 94.3978.



This preview shows how white text looks on a background with the XYZ color 77.8020, 75.0912,

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

77.8020, 75.0912, 94.3978

Protanopia

73.4537, 75.1171, 97.8164

Deuteranopia

76.6950, 74.9043, 94.4201



Tritanopia

76.6847, 75.0182, 89.0355

Trichromacy



Original Color

77.8020, 75.0912, 94.3978

Protanomaly

74.9710, 75.1285, 96.9360

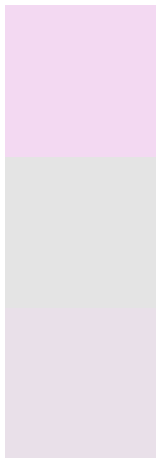
Deuteranomaly

77.0336, 75.0789, 94.4360

Tritanomaly

77.1220, 75.1931, 91.3379

Monochromacy



Original Color

77.8020, 75.0912, 94.3978

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9679, 76.5181, 87.9090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8020, 75.0912, 94.3978 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, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 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, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.8020, 75.0912, 94.3978 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, 217, 242) }
```


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

```
.border{ border-color:rgb(243, 217, 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, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8020, 75.0912, 94.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 242) }
```

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

```
.background{ background-color: rgb(243,  
217, 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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