

Converting Colors

XYZ(78.8163, 77.2514, 95.5152)

Have a look what the booklet for
XYZ(78.8163, 77.2514, 95.5152)
contains.

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Color

**XYZ(78.6521, 77.0612,
95.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DDF3
RGB	242, 221, 243
RGB Percent	95%, 87%, 95%
CMY	0.0510, 0.1333, 0.0471
CMYK	0.00, 0.09, 0.00, 0.05
HSL	297°, 48%, 91%
HSV	297°, 9%, 95%
XYZ	78.6521, 77.0612, 95.5229
YIQ	229.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

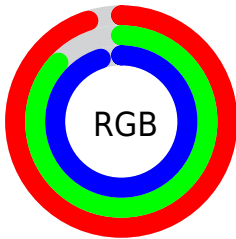
Format	Color
R _Y B	242, 221, 243
Decimal	15916531
CIE Lab	90.35, 11.01, -8.10
CIE LCh	90, 13.672, 323.674
Yxy	77.0612, 0.3131, 0.3067
Android (android.graphics.Color)	4294106611 (0xFFFF2DDF3)
YUV	229.7870, 6.5140, 10.7108
Hunter-Lab	87.7845, 6.3074, -3.0674

Details

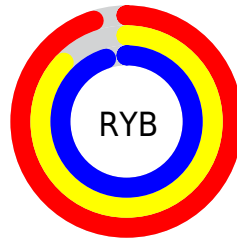
The XYZ color **78.6521, 77.0612, 95.5229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2287, 84.8532, 80.8238**, and the grayscale version is **75.0088, 78.9151, 85.9386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8556, 41.2994, 52.7266** is the 20% darker color. If you saturate the color by 10%, you get **72.3179, 64.9527, 93.5207**, and if you desaturate by 10%, it is **85.9216, 91.0346, 97.8381**.

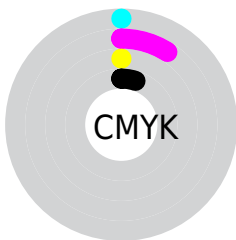
Distribution



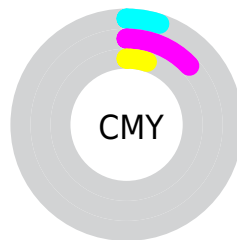
- Red (95%)
- Green (87%)
- Blue (95%)



- Red (95%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6521, 77.0612, 95.5229 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 78.6521, 77.0612, 95.5229 by changing the saturation by 10% instead.

78.6521, 77.0612,
95.5229

78.6521, 77.0612,
95.5229

479.1846,
484.9727, 566.8647

58.9145, 57.3031,
71.9710

130.4295,
129.2259, 156.9886

42.7904, 41.2486,
52.6483

163.1999,
162.4012, 195.7395

29.9145, 28.5134,
37.1363

201.0454,
200.8178, 240.3937

19.9214, 18.7130,
25.0164

244.3311,
244.8600, 291.3699

12.4459, 11.4631,
15.8701

293.4226,
294.9122, 349.0865

7.1225, 6.3792,
9.2789

348.6851,

3.5858, 3.0770,

351.3587, 413.9622

4.8243

410.4840,
414.5841, 486.4154

■ 1.4706, 1.1721,
2.0876

■ 0.3057, 0.0387,
0.6084

■ 78.6521, 77.0612,
95.5229

■ 78.6521, 77.0612,
95.5229

■ 72.3179, 64.9527,
93.5207

■ 85.9216, 91.0346,
97.8381

■ 66.8726, 54.6197,
91.8133

■ 89.3192, 97.2619,
98.8610

■ 62.2758, 45.9805,
90.3880

■ 89.7040, 97.4603,
98.8790

■ 58.4816, 38.9429,
89.2296

■ 90.0912, 97.6599,
98.8971

55.4393, 33.4059,
88.3212

90.4806, 97.8607,
98.9153

53.0929, 29.2573,
87.6441

90.8723, 98.0626,
98.9337

51.3783, 26.3688,
87.1769

91.2664, 98.2657,
98.9521

50.2196, 24.5887,
86.8944

91.6628, 98.4701,
98.9706

49.5019, 23.6874,
86.7583

92.0615, 98.6756,
98.9893

Harmonies

Analogous

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



75.9074, 77.0612, 102.2961



78.6521, 77.0612, 95.5229



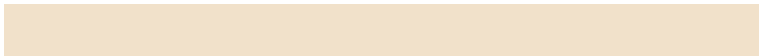
79.9529, 77.0612, 85.9915

Triad

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



78.6521, 77.0612, 95.5229



73.9688, 77.0612, 66.6005



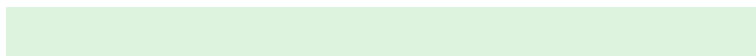
67.4049, 77.0612, 91.6707

Complementary

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



78.6521, 77.0612, 95.5229



75.2287, 84.8532, 80.8238

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.



66.9220, 77.0612, 81.8555



78.6521, 77.0612, 95.5229



70.6443, 77.0612, 67.8645

Square

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



78.6521, 77.0612, 95.5229



77.1955, 77.0612, 69.6756



68.0904, 77.0612, 73.2723



69.4304, 77.0612, 99.9542

Rectangle

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



78.6521, 77.0612, 95.5229



79.7984, 77.0612, 79.5474



68.0904, 77.0612, 73.2723



67.0594, 77.0612, 88.4221

Sweetspot

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



78.6543, 77.0645, 95.5246



92.5301, 95.1499, 108.0967



72.1476, 74.1427, 95.3035



19.6646, 20.0955, 23.0923



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.



78.6543, 77.0645, 95.5246



86.2780, 83.1498, 106.1099



77.5433, 76.6599, 87.8780



17.1348, 16.7277, 20.8682



27.1679, 12.9799, 47.6115



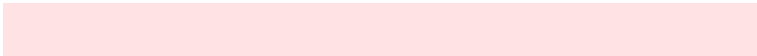
2.4104, 1.1525, 4.1856

Inverse Universe

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



76.0061, 76.0450, 79.7831



82.7302, 81.7848, 84.9882



76.2817, 85.2391, 87.9623



16.5297, 16.4947, 17.2697



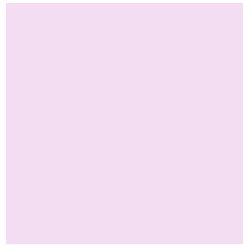
20.3325, 10.4764, 1.1934



1.7976, 0.9250, 0.1603

Previews

White Background



This preview shows how the XYZ color 78.6521, 77.0612, 95.5229 looks on a white background.

Color Contrast Check

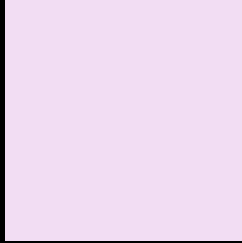
Large Text (above 18pt) WCAG AA × Fail

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 78.6521, 77.0612, 95.5229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

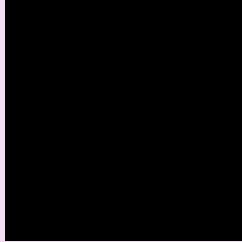
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6521, 77.0612, 95.5229

Background



This preview shows how black text looks on a background with the XYZ color 78.6521, 77.0612, 95.5229.

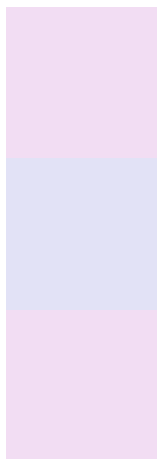


This preview shows how white text looks on a background with the XYZ color 78.6521, 77.0612,

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

78.6521, 77.0612, 95.5229

Protanopia

75.1949, 77.2153, 98.1296

Deuteranopia

78.6521, 77.0612, 95.5229



Tritanopia

77.9769, 77.1753, 92.4479

Trichromacy



Original Color

78.6521, 77.0612, 95.5229

Protanomaly

76.4158, 77.0597, 97.2327

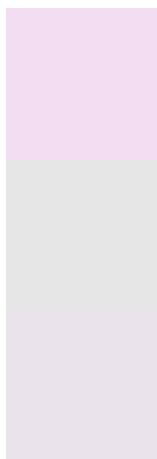
Deuteranomaly

78.6521, 77.0612, 95.5229

Tritanomaly

78.1251, 77.2346, 93.2282

Monochromacy



Original Color

78.6521, 77.0612, 95.5229

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.3962, 78.4288, 89.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6521, 77.0612, 95.5229 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(242, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 243)  
}
```

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(242, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.6521, 77.0612, 95.5229 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(242, 221, 243) }
```


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

```
.border{ border-color:rgb(242, 221, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 221, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6521, 77.0612, 95.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 243) }
```

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

```
.background{ background-color: rgb(242,  
221, 243) }
```

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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