

Converting Colors

XYZ(78.3877, 79.0745, 92.4339)

Have a look what the booklet for
XYZ(78.3877, 79.0745, 92.4339)
contains.

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Color

**XYZ(78.3729, 78.9754,
92.7744)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EFE2EF |
| RGB | 239, 226, 239 |
| RGB Percent | 94%, 89%, 94% |
| CMY | 0.0627, 0.1137, 0.0627 |
| CMYK | 0.00, 0.05, 0.00, 0.06 |
| HSL | 300°, 29%, 91% |
| HSV | 300°, 5%, 94% |
| XYZ | 78.3729, 78.9754, 92.7744 |
| YIQ | 231.3690, 3.5750, 6.7990 |

Conversions

Conversions Part 2

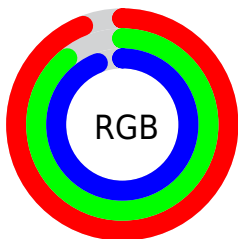
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 239, 226, 239 |
| Decimal | 15721199 |
| CIE Lab | 91.22, 6.69, -4.74 |
| CIE LCh | 91, 8.202, 324.705 |
| Yxy | 78.9754, 0.3133, 0.3157 |
| Android (android.graphics.Color) | 4293911279 (0xFFEFE2EF) |
| YUV | 231.3690, 3.7621, 6.6924 |
| Hunter-Lab | 88.8681, 1.9002, 0.3115 |

Details

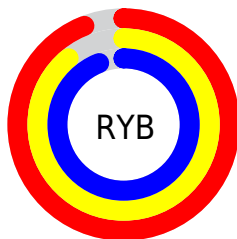
The XYZ color **78.3729, 78.9754, 92.7744** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9609, 83.3948, 84.0488**, and the grayscale version is **76.2034, 80.1719, 87.3072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6386, 42.6120, 50.7774** is the 20% darker color. If you saturate the color by 10%, you get **72.3226, 66.8736, 90.7586**, and if you desaturate by 10%, it is **85.3336, 92.8957, 95.0956**.

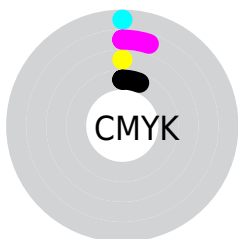
Distribution



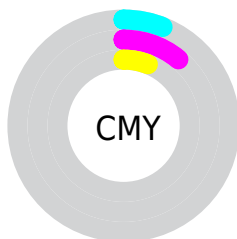
- Red (94%)
- Green (89%)
- Blue (94%)



- Red (94%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3729, 78.9754, 92.7744 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 78.3729, 78.9754, 92.7744 by changing the saturation by 10% instead.

78.3729, 78.9754,
92.7744

78.3729, 78.9754,
92.7744

478.2528,
491.4731, 557.8164

58.6842, 58.8756,
69.6974

130.0382,
131.9242, 153.1552

42.6043, 42.5130,
50.8046

162.7456,
165.5420, 191.2961

29.7680, 29.5032,
35.6775

200.5232,
204.4346, 235.2954

19.8097, 19.4618,
23.8975

243.7365,
248.9864, 285.5716

12.3643, 12.0044,
15.0461

292.7507,
299.5817, 342.5433

7.0662, 6.7467,
8.7048

347.9313,

3.5503, 3.3042,

356.6050, 406.6290

4.4549

409.6435,
420.4407, 478.2472

■ 1.4510, 1.2925,
1.8781

■ 0.2921, 0.1354,
0.4787

■ 78.3729, 78.9754,
92.7744

■ 78.3729, 78.9754,
92.7744

■ 72.3226, 66.8736,
90.7586

■ 85.3336, 92.8957,
95.0956

■ 67.1386, 56.5056,
89.0306

■ 86.9373, 96.1031,
95.6302

■ 62.7833, 47.7951,
87.5788

■ 86.9373, 96.1031,
95.6302

■ 59.2139, 40.6563,
86.3890

■ 86.9373, 96.1031,
95.6302

56.3835, 34.9955,
85.4456

86.9373, 96.1031,
95.6302

54.2404, 30.7092,
84.7312

86.9374, 96.1031,
95.6302

52.7261, 27.6807,
84.2264

86.9374, 96.1031,
95.6302

51.7725, 25.7736,
83.9086

86.9374, 96.1031,
95.6302

51.2958, 24.8202,
83.7497

86.9374, 96.1031,
95.6302

Harmonies

Analogous

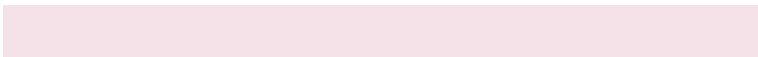
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7464, 78.9754, 96.8128



78.3729, 78.9754, 92.7744



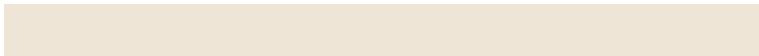
79.1136, 78.9754, 87.0512

Triad

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



78.3729, 78.9754, 92.7744



75.4331, 78.9754, 75.0907



71.4915, 78.9754, 90.8634

Complementary

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



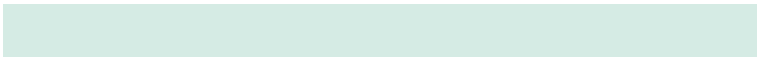
78.3729, 78.9754, 92.7744



75.9609, 83.3948, 84.0488

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.



71.1545, 78.9754, 84.9390



78.3729, 78.9754, 92.7744



73.4059, 78.9754, 76.0069

Square

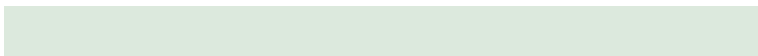
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3729, 78.9754, 92.7744



77.3965, 78.9754, 76.9837



71.8491, 78.9754, 79.5462



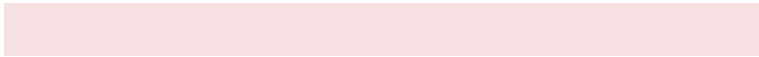
72.7784, 78.9754, 95.6743

Rectangle

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



78.3729, 78.9754, 92.7744



78.9958, 78.9754, 83.1181



71.8491, 78.9754, 79.5462



71.2644, 78.9754, 88.9289

Sweetspot

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



78.3752, 78.9788, 92.7761



93.4445, 96.7891, 108.3648



74.2028, 76.9154, 92.5977



20.0178, 20.7505, 23.2001



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.



78.3752, 78.9788, 92.7761



89.6176, 89.1353, 107.0892



77.4630, 78.6139, 87.9726



16.7102, 16.5433, 20.0341



28.2813, 13.5849, 46.2594



2.3527, 1.1301, 3.8484

Inverse Universe

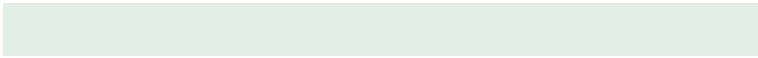
The Inverse Universe completely reimagines the original color for something new.



76.5232, 78.2380, 83.0238



86.8756, 88.0385, 92.6500



76.8390, 83.7460, 88.6725



16.1579, 16.3223, 17.1257



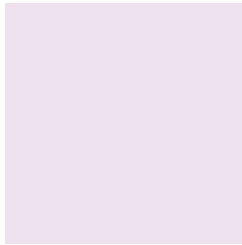
19.6715, 10.1410, 0.9206



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 78.3729, 78.9754, 92.7744 looks on a white background.

Color Contrast Check

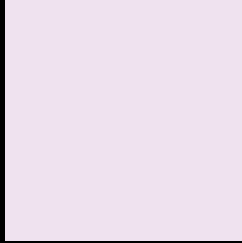
Large Text (above 18pt) WCAG AA × Fail

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 78.3729, 78.9754, 92.7744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

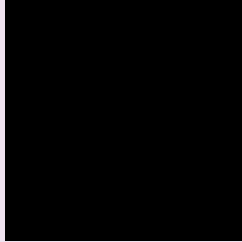
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

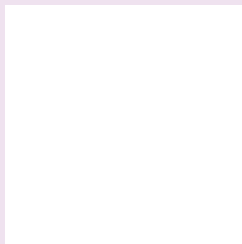
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3729, 78.9754, 92.7744

Background



This preview shows how black text looks on a background with the XYZ color 78.3729, 78.9754, 92.7744.



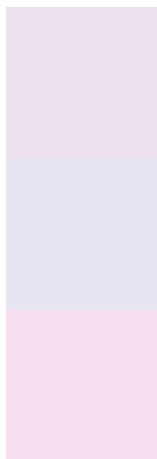
This preview shows how white text looks on a background with the XYZ color 78.3729, 78.9754,

92.7744.

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

78.3729, 78.9754, 92.7744

Protanopia

76.8515, 79.3784, 94.4901

Deuteranopia

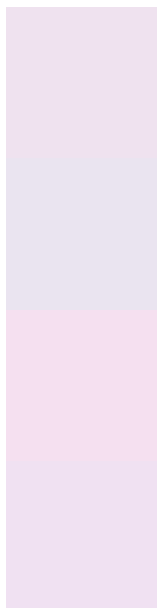
80.8273, 79.0231, 93.4310



Tritanopia

79.0381, 78.8468, 95.8472

Trichromacy



Original Color

78.3729, 78.9754, 92.7744

Protanomaly

77.4033, 79.2705, 93.6592

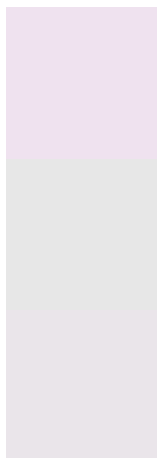
Deuteranomaly

80.0400, 79.0151, 93.4709

Tritanomaly

78.8874, 78.7865, 95.0539

Monochromacy



Original Color

78.3729, 78.9754, 92.7744

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8023, 79.4716, 89.1335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3729, 78.9754, 92.7744 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(239, 226, 239) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 239)  
}
```

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(239, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 239) }
```

Border

The CSS property to change the border of an element to XYZ 78.3729, 78.9754, 92.7744 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(239, 226, 239) }
```


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

```
.border{ border-color:rgb(239, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3729, 78.9754, 92.7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 239) }
```

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

```
.background{ background-color: rgb(239,  
226, 239) }
```

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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