

Converting Colors

XYZ(77.0193, 79.6153, 94.1158)

Have a look what the booklet for
XYZ(77.0193, 79.6153, 94.1158)
contains.

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Color

**XYZ(76.7025, 79.3188,
93.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5F0
RGB	231, 229, 240
RGB Percent	91%, 90%, 94%
CMY	0.0941, 0.1019, 0.0588
CMYK	0.04, 0.05, 0.00, 0.06
HSL	251°, 27%, 92%
HSV	251°, 5%, 94%
XYZ	76.7025, 79.3188, 93.7055
YIQ	230.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

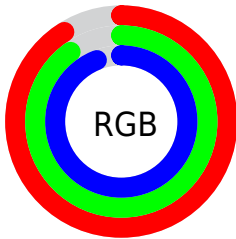
Format	Color
R _{YB}	231, 229, 240
Decimal	15197680
CIE Lab	91.38, 2.67, -5.10
CIE LCh	91, 5.760, 297.619
Yxy	79.3188, 0.3071, 0.3176
Android (android.graphics.Color)	4293387760 (0xFFE7E5F0)
YUV	230.8520, 4.5100, 0.1298
Hunter-Lab	89.0611, -2.1266, -0.0391

Details

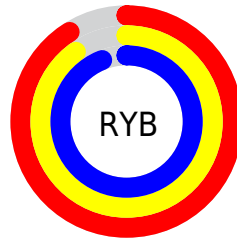
The XYZ color **76.7025, 79.3188, 93.7055** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5658, 86.1566, 86.5163**, and the grayscale version is **75.8163, 79.7647, 86.8637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4670, 42.8468, 51.4321** is the 20% darker color. If you saturate the color by 10%, you get **64.5279, 63.8585, 91.3642**, and if you desaturate by 10%, it is **90.5112, 96.9887, 96.3895**.

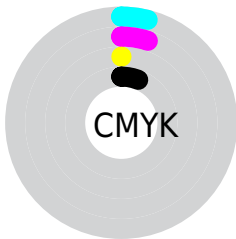
Distribution



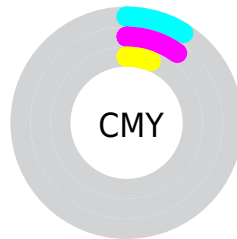
- Red (91%)
- Green (90%)
- Blue (94%)



- Red (91%)
- Yellow (90%)
- Blue (94%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7025, 79.3188, 93.7055 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 76.7025, 79.3188, 93.7055 by changing the saturation by 10% instead.

■ 76.7025, 79.3188,
93.7055

■ 76.7025, 79.3188,
93.7055

472.6566,
492.6342, 560.8905

■ 57.3078, 59.1580,
70.4671

127.6945,
132.4076, 154.4551

■ 41.4935, 42.7403,
51.4283

160.0226,
166.1043, 192.8035

■ 28.8943, 29.6814,
36.1705

197.3924,
205.0818, 237.0255

■ 19.1447, 19.5969,
24.2751

240.1695,
249.7244, 287.5398

■ 11.8795, 12.1024,
15.3238

288.7191,
300.4165, 344.7649

■ 6.7333, 6.8134,
8.8978

343.4065,

■ 3.3407, 3.3457,

357.5426, 409.1194

4.5787

404.5973,
421.4870, 481.0218

■ 1.3364, 1.3148,
1.9479

■ 0.2102, 0.1526,
0.5229

■ 76.7025, 79.3188,
93.7055

■ 76.7025, 79.3188,
93.7055

■ 64.5279, 63.8585,
91.3642

■ 90.5112, 96.9887,
96.3895

■ 53.9198, 50.5106,
89.3470

■ 92.7284, 99.0714,
96.6747

■ 44.8156, 39.1860,
87.6409

■ 37.1463, 29.7848,
86.2305

■ 30.8370, 22.1989,
85.0988

■ 25.8060, 16.3094,
84.2272

■ 21.9626, 11.9828,
83.5947

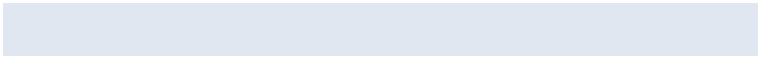
■ 19.2034, 9.0651,
83.1769

■ 17.4054, 7.3696,
82.9444

Harmonies

Analogous

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



75.2733, 79.3188, 94.6713



76.7025, 79.3188, 93.7055



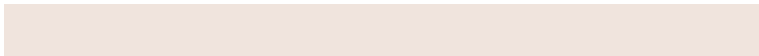
77.7921, 79.3188, 90.7538

Triad

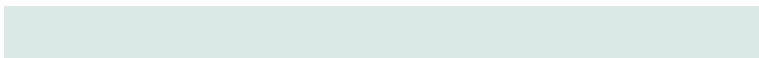
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7025, 79.3188, 93.7055



76.9075, 79.3188, 79.7347



72.6128, 79.3188, 86.0303

Complementary

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



76.7025, 79.3188, 93.7055



80.5658, 86.1566, 86.5163

Split Complementary

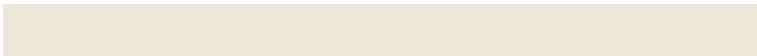
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0381, 79.3188, 82.1194



76.7025, 79.3188, 93.7055



75.5071, 79.3188, 78.5587

Square

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



76.7025, 79.3188, 93.7055



77.9116, 79.3188, 82.6814



74.0928, 79.3188, 79.4176



72.9237, 79.3188, 90.1557

Rectangle

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



76.7025, 79.3188, 93.7055



78.1728, 79.3188, 88.1045



74.0928, 79.3188, 79.4176



72.6743, 79.3188, 84.6480

Sweetspot

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



76.7048, 79.3222, 93.7072



93.4782, 97.9901, 108.5949



78.6669, 84.1977, 94.5449



20.0248, 20.9951, 23.2470



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.



76.7048, 79.3222, 93.7072



87.3811, 90.2075, 107.4140



78.4530, 80.2234, 93.7891



16.1830, 16.6618, 20.0847



9.2478, 3.7728, 45.3687



0.8438, 0.3522, 3.7777

Inverse Universe

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



79.3899, 80.7405, 92.2930



90.7461, 91.9850, 105.6378



78.8010, 85.2468, 86.4337



16.8946, 17.0376, 19.7078



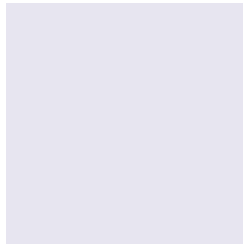
25.1979, 12.3516, 30.0225



2.1279, 1.0402, 2.6646

Previews

White Background



This preview shows how the XYZ color 76.7025, 79.3188, 93.7055 looks on a white background.

Color Contrast Check

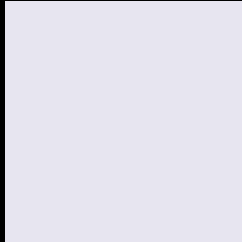
Large Text (above 18pt) WCAG AA × Fail

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 76.7025, 79.3188, 93.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

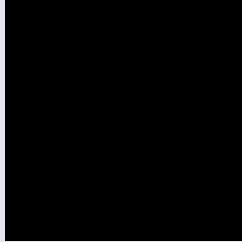
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

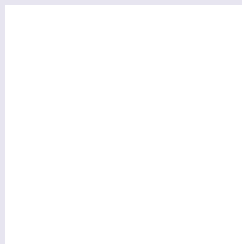
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7025, 79.3188, 93.7055

Background



This preview shows how black text looks on a background with the XYZ color 76.7025, 79.3188, 93.7055.



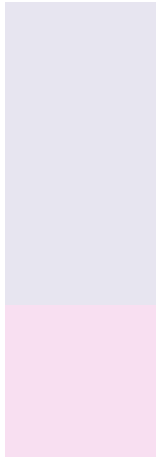
This preview shows how white text looks on a background with the XYZ color 76.7025, 79.3188,

93.7055.

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

76.7025, 79.3188, 93.7055

Protanopia

76.7025, 79.3188, 93.7055

Deuteranopia

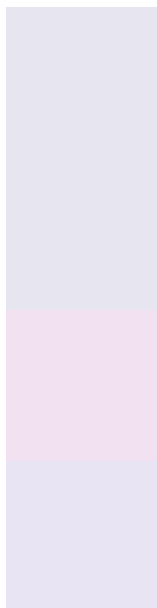
80.9763, 79.0827, 94.2157



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

76.7025, 79.3188, 93.7055

Protanomaly

76.7025, 79.3188, 93.7055

Deuteranomaly

79.4203, 79.0785, 94.2969

Tritanomaly

77.3512, 79.1743, 96.7933

Monochromacy



Original Color

76.7025, 79.3188, 93.7055

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1031, 79.5231, 89.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7025, 79.3188, 93.7055 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(231, 229, 240) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 240)  
}
```

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(231, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.7025, 79.3188, 93.7055 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(231, 229, 240) }
```


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

```
.border{ border-color:rgb(231, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7025, 79.3188, 93.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 240) }
```

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

```
.background{ background-color: rgb(231,  
229, 240) }
```

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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