

Converting Colors

XYZ(76.8107, 76.9514, 93.2475)

Have a look what the booklet for
XYZ(76.8107, 76.9514, 93.2475)
contains.

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Color

**XYZ(76.7079, 76.8995,
93.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDF0
RGB	236, 223, 240
RGB Percent	93%, 87%, 94%
CMY	0.0745, 0.1255, 0.0588
CMYK	0.02, 0.07, 0.00, 0.06
HSL	286°, 36%, 91%
HSV	286°, 7%, 94%
XYZ	76.7079, 76.8995, 93.2382
YIQ	228.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

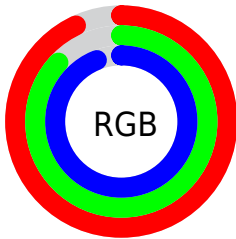
Format	Color
R _Y B	236, 223, 240
Decimal	15523824
CIE Lab	90.28, 7.44, -6.69
CIE LCh	90, 10.001, 318.028
Yxy	76.8995, 0.3108, 0.3115
Android (android.graphics.Color)	4293713904 (0xFFECDFF0)
YUV	228.8250, 5.5093, 6.2925
Hunter-Lab	87.6924, 2.6792, -1.6550

Details

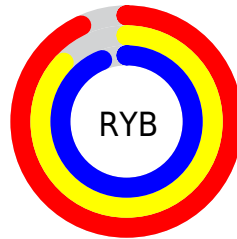
The XYZ color **76.7079, 76.8995, 93.2382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1608, 83.9808, 82.0118**, and the grayscale version is **74.3091, 78.1789, 85.1369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4768, 41.1693, 51.1078** is the 20% darker color. If you saturate the color by 10%, you get **68.8997, 64.0222, 91.1653**, and if you desaturate by 10%, it is **85.4888, 91.6317, 95.6202**.

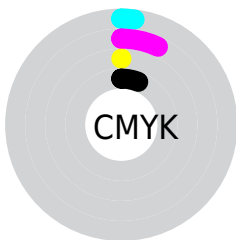
Distribution



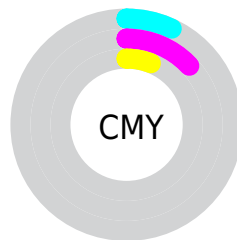
- Red (93%)
- Green (87%)
- Blue (94%)



- Red (93%)
- Yellow (87%)
- Blue (94%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)





- Cyan (7%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7079, 76.8995, 93.2382 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 76.7079, 76.8995, 93.2382 by changing the saturation by 10% instead.


 76.7079, 76.8995,
93.2382

 76.7079, 76.8995,
93.2382


472.6748,
484.4213, 559.3489

 57.3123, 57.1704,
70.0807


127.7021,
128.9976, 153.8029

 41.4971, 41.1421,
51.1151


160.0314,
162.1354, 192.0472

 28.8971, 28.4301,
35.9229


197.4026,
200.5115, 236.1576

 19.1469, 18.6501,
24.0854

240.1810,
244.5104, 286.5525

 11.8811, 11.4177,
15.1842

288.7321,
294.5164, 343.6506

 6.7344, 6.3486,
8.8007

343.4212,

 3.3414, 3.0582,

350.9140, 407.8703

4.5164

404.6136,
414.0875, 479.6302

■ 1.3368, 1.1622,
1.9127

■ 0.2105, 0.0305,
0.5008

■ 76.7079, 76.8995,
93.2382

■ 76.7079, 76.8995,
93.2382

■ 68.8997, 64.0222,
91.1653

■ 85.4888, 91.6317,
95.6202

■ 62.0188, 52.9135,
89.3838

■ 89.9514, 97.6398,
96.5446

■ 56.0263, 43.4951,
87.8817

■ 91.9769, 98.6840,
96.6394

■ 50.8775, 35.6786,
86.6443

■ 92.7284, 99.0714,
96.6746

■ 46.5241, 29.3679,
85.6557

■ 42.9120, 24.4561,
84.8980

■ 39.9804, 20.8221,
84.3511

■ 37.6578, 18.3239,
83.9913

■ 35.8522, 16.7784,
83.7881

Harmonies

Analogous

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



74.5822, 76.8995, 97.4560



76.7079, 76.8995, 93.2382



77.8745, 76.8995, 86.6068

Triad

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



76.7079, 76.8995, 93.2382



74.0882, 76.8995, 71.0219



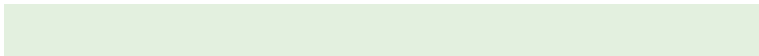
68.6323, 76.8995, 88.0456

Complementary

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



76.7079, 76.8995, 93.2382



76.1608, 83.9808, 82.0118

Split Complementary

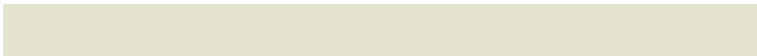
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.5069, 76.8995, 80.9186



76.7079, 76.8995, 93.2382



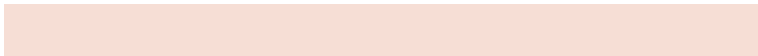
71.6191, 76.8995, 71.3583

Square

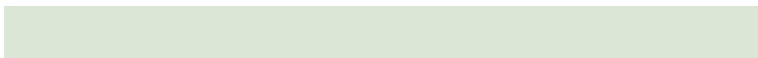
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7079, 76.8995, 93.2382



76.3392, 76.8995, 73.9454



69.5890, 76.8995, 74.8921



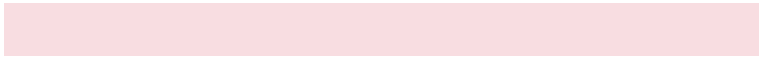
69.9356, 76.8995, 94.3428

Rectangle

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



76.7079, 76.8995, 93.2382



77.9342, 76.8995, 81.8303



69.5890, 76.8995, 74.8921



68.4521, 76.8995, 85.6598

Sweetspot

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



76.7101, 76.9028, 93.2399



93.0043, 96.5621, 108.3442



73.7003, 77.0577, 93.4284



19.9282, 20.7043, 23.1959



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.



76.7101, 76.9028, 93.2399



87.1396, 86.7686, 106.7630



77.4292, 77.3456, 90.0167



16.0695, 15.8330, 19.9307



19.4910, 9.0534, 45.8481



1.7082, 0.7979, 3.8182

Inverse Universe

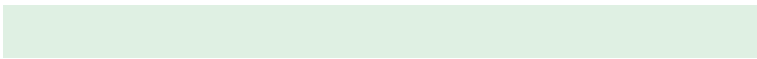
The Inverse Universe completely reimagines the original color for something new.



76.1907, 76.8502, 83.4949



86.4733, 86.7036, 94.1502



75.4939, 83.5700, 85.0090



15.9252, 15.8198, 17.1625



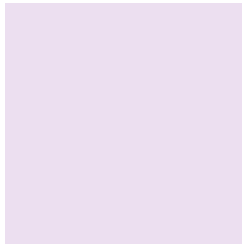
20.1114, 10.3170, 3.2371



1.7104, 0.8732, 0.4661

Previews

White Background



This preview shows how the XYZ color 76.7079, 76.8995, 93.2382 looks on a white background.

Color Contrast Check

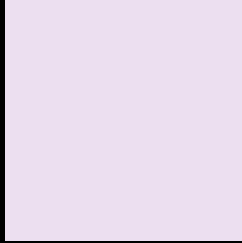
Large Text (above 18pt) WCAG AA × Fail

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 76.7079, 76.8995, 93.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

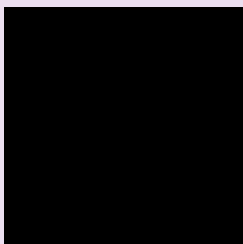
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7079, 76.8995, 93.2382

Background



This preview shows how black text looks on a background with the XYZ color 76.7079, 76.8995, 93.2382.



This preview shows how white text looks on a background with the XYZ color 76.7079, 76.8995,

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

76.7079, 76.8995, 93.2382

Protanopia

74.9019, 77.1344, 94.9451

Deuteranopia

78.2835, 76.5324, 93.0843



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

76.7079, 76.8995, 93.2382

Protanomaly

75.4355, 77.0243, 94.1104

Deuteranomaly

77.5198, 76.5294, 93.1240

Tritanomaly

76.7079, 76.8995, 93.2382

Monochromacy



Original Color

76.7079, 76.8995, 93.2382

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4558, 77.9772, 88.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7079, 76.8995, 93.2382 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(236, 223, 240) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 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(236, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.7079, 76.8995, 93.2382 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(236, 223, 240) }
```


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

```
.border{ border-color:rgb(236, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 223, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 223, 240); box-shadow:4px 4px 4px 4px rgb(236, 223, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7079, 76.8995, 93.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 240) }
```

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

```
.background{ background-color: rgb(236,  
223, 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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