

Converting Colors

XYZ(76.0643, 76.9070, 95.7828)

Have a look what the booklet for
XYZ(76.0643, 76.9070, 95.7828)
contains.

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Color

**XYZ(76.1120, 76.9382,
95.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E0F3
RGB	232, 224, 243
RGB Percent	91%, 88%, 95%
CMY	0.0902, 0.1215, 0.0471
CMYK	0.05, 0.08, 0.00, 0.05
HSL	265°, 44%, 92%
HSV	265°, 8%, 95%
XYZ	76.1120, 76.9382, 95.6330
YIQ	228.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

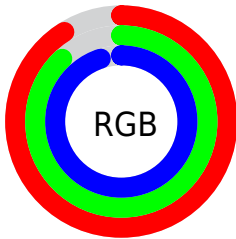
Format	Color
R_{YB}	232, 224, 243
Decimal	15261939
CIE Lab	90.29, 6.15, -8.27
CIE LCh	90, 10.306, 306.637
Yxy	76.9382, 0.3061, 0.3094
Android (android.graphics.Color)	4293452019 (0xFFE8E0F3)
YUV	228.5580, 7.1199, 3.0186
Hunter-Lab	87.7144, 1.3887, -3.2424

Details

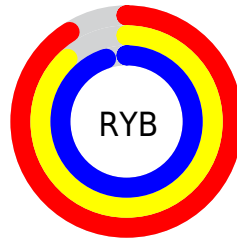
The XYZ color **76.1120, 76.9382, 95.6330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.7690, 87.1472, 83.1417**, and the grayscale version is **74.1036, 77.9627, 84.9014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0621, 41.1939, 52.8007** is the 20% darker color. If you saturate the color by 10%, you get **65.6566, 62.5380, 93.4057**, and if you desaturate by 10%, it is **87.8709, 93.4000, 98.1919**.

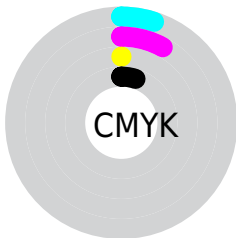
Distribution



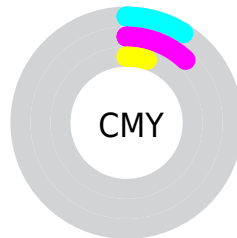
- Red (91%)
- Green (88%)
- Blue (95%)



- Red (91%)
- Yellow (88%)
- Blue (95%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1120, 76.9382, 95.6330 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 76.1120, 76.9382, 95.6330 by changing the saturation by 10% instead.

76.1120, 76.9382,
95.6330

76.1120, 76.9382,
95.6330

470.6695,
484.5533, 567.2255

56.8217, 57.2022,
72.0621

126.8647,
129.0522, 157.1419

41.1017, 41.1676,
52.7223

159.0579,
162.1990, 195.9171

28.5866, 28.4500,
37.1949

196.2827,
200.5848, 240.5974

18.9110, 18.6652,
25.0615

238.9046,
244.5941, 291.6014

11.7096, 11.4286,
15.9034

287.2889,
294.6112, 349.3477

6.6171, 6.3559,
9.3022

341.8009,

3.2680, 3.0627,

351.0205, 414.2548

4.8393

402.8060,
414.2064, 486.7412

■ 1.2970, 1.1645,
2.0962

■ 0.1810, 0.0325,
0.6135

■ 76.1120, 76.9382,
95.6330

■ 76.1120, 76.9382,
95.6330

■ 65.6566, 62.5380,
93.4057

■ 87.8709, 93.4000,
98.1919

■ 56.4501, 50.1066,
91.4914

■ 93.1779, 99.2512,
99.0415

■ 48.4437, 39.5581,
89.8774

■ 41.5826, 30.7967,
88.5479

■ 35.8074, 23.7177,
87.4859

■ 31.0527, 18.2053,
86.6725

■ 27.2451, 14.1282,
86.0862

■ 24.2994, 11.3324,
85.7018

■ 22.1036, 9.6115,
85.4854

Harmonies

Analogous

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



73.6993, 76.9382, 98.6098



76.1120, 76.9382, 95.6330



77.7519, 76.9382, 89.5032

Triad

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



76.1120, 76.9382, 95.6330



75.1019, 76.9382, 71.4565



68.3343, 76.9382, 85.4167

Complementary

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



76.1120, 76.9382, 95.6330



79.7690, 87.1472, 83.1417

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.



68.6901, 76.9382, 78.2921



76.1120, 76.9382, 95.6330



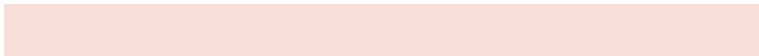
72.5586, 76.9382, 70.5038

Square

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



76.1120, 76.9382, 95.6330



77.1593, 76.9382, 75.6187



70.2220, 76.9382, 72.9358



69.2386, 76.9382, 92.4926

Rectangle

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



76.1120, 76.9382, 95.6330



78.1653, 76.9382, 84.6045



70.2220, 76.9382, 72.9358



68.3109, 76.9382, 82.9462

Sweetspot

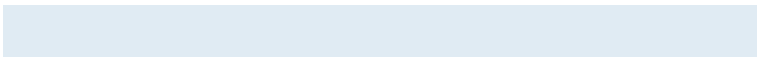
The Sweet Spot groups the original color and five complimentary colors.



76.1143, 76.9415, 95.6347



92.3664, 96.2333, 108.3144



76.6531, 81.7855, 96.5413



19.7984, 20.6374, 23.1899



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.



76.1143, 76.9415, 95.6347



83.4394, 83.7875, 106.3826



79.2536, 78.5599, 95.7816



16.2423, 16.2675, 20.8265



12.0502, 5.1864, 46.9040



1.1736, 0.5149, 4.1278

Inverse Universe

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



78.6159, 78.3676, 89.5842



86.6440, 85.6147, 98.6168



76.7414, 85.5864, 83.0000



16.9015, 16.6434, 19.2278



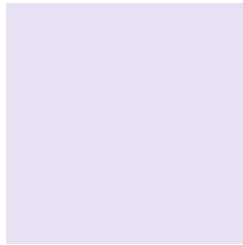
22.9819, 11.5362, 15.1447



2.0711, 1.0344, 1.6010

Previews

White Background



This preview shows how the XYZ color 76.1120, 76.9382, 95.6330 looks on a white background.

Color Contrast Check

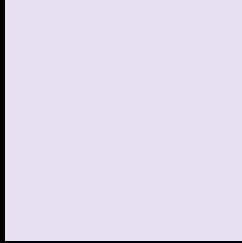
Large Text (above 18pt) WCAG AA × Fail

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 76.1120, 76.9382, 95.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

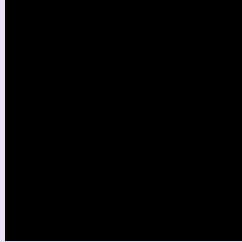
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1120, 76.9382, 95.6330

Background



This preview shows how black text looks on a background with the XYZ color 76.1120, 76.9382, 95.6330.



This preview shows how white text looks on a background with the XYZ color 76.1120, 76.9382,

95.6330.

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

76.1120, 76.9382, 95.6330

Protanopia

74.8895, 77.0931, 96.5213

Deuteranopia

78.8035, 77.1218, 96.3206



Tritanopia

75.9614, 76.8779, 94.8397

Trichromacy



Original Color

76.1120, 76.9382, 95.6330

Protanomaly

75.2493, 76.8761, 96.4605

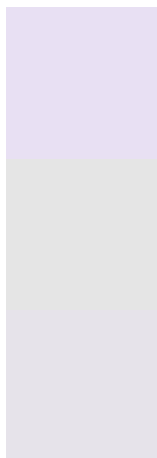
Deuteranomaly

77.7103, 76.9513, 96.3453

Tritanomaly

75.9614, 76.8779, 94.8397

Monochromacy



Original Color

76.1120, 76.9382, 95.6330

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9535, 77.7017, 88.8894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1120, 76.9382, 95.6330 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(232, 224, 243) looks like.

```
.text, #text, p{  
    color:rgb(232, 224, 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(232, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 224, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.1120, 76.9382, 95.6330 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(232, 224, 243) }
```


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

```
.border{ border-color:rgb(232, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 224,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1120, 76.9382, 95.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 224, 243) }
```

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

```
.background{ background-color: rgb(232,  
224, 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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